

Crash Course to Technical Resumes

And how to make them

Why a **(technical)**
resume?

Important Features of a Resume

Your Name

Education (Graduation Date)

Relevant Experience (Work, Research)

Campus and Community Involvement

Technical Skills

Personal Projects

Honors and Awards

Things that don't belong

Objective

Summary

Non-relevant experience (that summer job you had back in high school)

Microsoft Office/Word/Powerpoint

Skills you aren't confident in

Personal Information (religion/race/interests, mailing address)

Other Miscellaneous Tips

Make sure things are aligned

Make your resume easy to read/information easy to find

Keep it to a SINGLE PAGE

Put your GPA (if overall is lower than major GPA, but major GPA)

Put phone number/LinkedIn/GitHub/personal site/location (city, state)

“Good artists borrow, great artists steal.”

Resume Examples

Examples of Technical Resumes

Education

University of Georgia, Athens Ga

Bachelor of Science | Computer Science

- Grade Point Average: 3.49
- 2015 - Present
- Anticipated Graduation: Fall of 2017

Georgia Southern University, Statesboro Ga

Bachelor of Science | Computer Science

- College of Engineering and Information Technology Dean's List | 2013
- College of Engineering and Information Technology President's List | 2014
- Inducted into Phi Eta Sigma National Honors Society | 2013
- Inducted into Sigma Alpha Lambda National Leadership and Honors Organization | 2013
- Inducted into Gamma Beta Phi Honors Society | 2014
- Completed my core class curriculum and transferred to the University of Georgia
- 2013 - 2015

Technical Skills

- Java, HTML, and MatLAB application and coding syntax experience
- Computer assembly and construction
- Years of personal computing and PC problem solving
- Operating system familiarity with Linux distributions, UNIX, and Windows
- Knowledge of fundamental Bash commands and terminal execution

Objective

Examples of Technical Resumes

Work Experience

Wolfram Research Web R&D Intern

Summer 2016
Champaign, Illinois

- Worked on [Angular 2](#) internal dashboard for managing user permission and keys
- Wrote form components and services to match backend [Java Spring](#) endpoints
- Designed and developed [Angular 2](#) grid framework with drag and drop positioning/resizing

BitPay Software Development Intern

Spring 2016
Atlanta, Georgia

- Rewrote bitcoin mobile wallet (Copay) in [Ionic 2/Angular 2](#)
- Designed and developed a modular iframe plugin framework for [Angular 2](#) for third party embeded pages
- Implemented [Cordova](#) QR-Scanner plugin for [Android](#)

Augmented Environments Lab Research Intern

Fall 2015
Atlanta, Georgia

- Worked with team on a bi-directional communication web application example using [Node.js](#) and [Socket.io](#) for a framework used for building augmented reality applications through the web

HackStart Founder and Executive Director

May 2015 - Present
Atlanta, Georgia

Objective

To obtain a software engineering internship for Summer 2017

Education

Georgia Institute of Technology

2016-2019

B.S. Computer Science (Intelligence)

Relevant Courses

- CS 4641 Machine Learning
- CS 1332 Data Structures and Algorithms

Alpharetta High School

2012-2016

High School

CNA: 99.97%

- Dual enrolled at Georgia Tech for Mathematics

MOOCs

Courses

- Machine Learning - Stanford, Coursera 2015
- Algorithms I & II - Princeton, Coursera 2014

Honors and Awards

2016 Lockheed Martin Java Competition - 2nd place

2015 MHacks VI - Sponsored Prize Winner

2015 FBLA Mobile Application Programming - 4th State

Examples of Technical Resumes

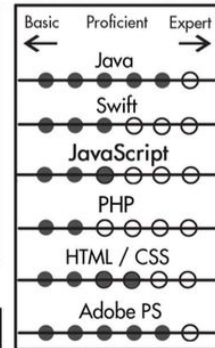
WORK EXPERIENCE

Georgia State Univ. IT / AV Support Technician - Atlanta, GA	June 2016 - current
Provided hands-on, high-level IT support for GSU faculty and staff as well as specialized audio-video technology used in classrooms. Troubleshooting a wide range of networking equipment, telephone equipment, computer hardware and software.	
DevelAppMe LLC. Developer Intern - Lawrenceville, GA	January 2016 - April 2016
Acquired experience in Android and iOS development, Agile & Scrum methodologies, JIRA, created entire Wiki for mobile dev., QA testing, Server-side and Client-side development. Wiki consisted of iOS and Android code explanation / documentation	
Opera Event Center Catering Staff - Atlanta, GA	March 2013 - July 2015
Developed customer service and team management skills due to my role as a team lead which I had the task of keeping my team working efficiently in a very fast paced environment.	

TECHNICAL SKILLS

Programming Languages + Java, Swift, JavaScript, Python, C	Web Development + XML, HTML5, CSS3, PHP, Ajax, jQuery
Mobile App Software + Android Studio, XCode, GenyMotion	Graphic Design Software + Adobe Photoshop, Adobe Illustrator + Adobe Premier, Adobe InDesign
Developer Tools + Eclipse, Geany, NetBeans, Sublime Text + PuTTY, WinSCP, FileZilla, Visual Studio, Atom	Operating Systems + Windows, Mac OS, Ubuntu (Unix Based) + UNIX terminal, iOS, Android
Developer Web Tools + GitHub / Git, Amazon Web Services	Game Dev Software + Construct 2

SKILL LEVEL



PROJECTS

WWW.GITHUB.COM/LCHENIV

Observe • FlyerShare • WakeCup • anti-ROB • Cacti-Survival • OrcaBox

**Gaining experience
for a technical
resume?**

What kinds of experiences to look for?

Internship opportunities

Volunteer opportunities

Club related to your interests/technology

Conferences, scholarships, competitions

Projects to get involved with (startups, personal projects, etc)

Personal Projects

Difficulty: **Easy**

Personal projects are the easiest thing to do

- 1) On your own time
- 2) Interesting to you
- 3) Shows willingness to learn outside the classroom

“But I don’t have any ideas!”

[List of good resources for beginner programming projects](#)

Startups/Other Projects

Difficulty: **Medium**

Maybe you don't want to work on a personal project. There are other projects you can get involved with!

Startups:

Thinc Accelerator/Y Combinator

Four Athens Job Board

Other Projects:

Stanford Crowd Course Initiative

Using your personal network

Competitions/ Scholarships

Difficulty: **Hard**

Competitions and scholarships are a good way to distinguish yourself, but can be difficult to win.

Scholarships:

Generation Google Scholarship

Microsoft Tuition Scholarship

Competitions:

ICPC (through ACM)

HackerRank Competitions

Clubs

Difficulty: **Easy**

Clubs are one of the easiest things to get involved with on campus.

Be sure to join clubs that align with your interests and future goals.

Example: If you want to go into the technical field, it might be a good idea to join ACM/IEEE.

****Not necessary to list all your clubs on resume**

Conferences

Difficulty: **Medium**

Great way to network, gain hands-on experience, and get used to talking with companies

Some are free, some require money, but most have *scholarships* for students

Grace Hopper Conference

Tapia Conference

Lanyrd.com for CFPs (to find conferences)

Write/Speak/Code

Volunteering

Difficulty: **Easy**

Who doesn't like free work?

Companies/organizations are very willing to let students volunteer.

Even your volunteer experience can be relevant.

Examples:

FreeIT Athens

Girls Who Code

Google CSFirst

iDTech camps

Internships

Difficulty: **Medium**

Internships are great real-world experience, but are can be difficult to secure depending on what you want.

- 1) Show you are capable of working
 - 2) Good way to test a career path
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