

HEATHER HUYNH

770.820.3804 (Cell) • Loganville, GA • github.com/amphy • heabuh.com • hh11@illinois.edu

EDUCATION

The University of Illinois at Urbana-Champaign, Urbana, IL August 2018 – May 2020 (Expected)
M.S. Computer Science

The University of Georgia, Honors Program, Athens, GA August 2013 – May 2017
B.S. Computer Science **GPA: 3.9/4.00**

RELEVANT EXPERIENCE

Los Alamos National Laboratory, Los Alamos, NM June 2017 – May 2018
Post Baccalaureate Student Researcher

- Investigated memory faults in computer hardware to determine accuracy of current error notifications
- Refactored internal Python program that helps with scheduling jobs on supercomputers

Google, Pittsburgh, PA and Mountain View, CA May – August 2015, 2016
Information Technology Intern

- Provided IT support across Linux, Windows, and Mac OS to over 700 Googlers in Pittsburgh office
- Implemented a Python and AngularJS application that notified IT support about new infrastructure needs
- Programmed a Google Chrome extension in JavaScript to assist with training new employees using the ticketing system

Franklin College Office of Information Technology, Athens, GA July 2014 – December 2016
Student Worker – Instructional Technology Team, Park Hall Technology Hub

- Maintained classroom IT infrastructure of Franklin College to students, faculty, and staff

PROJECTS

Lithium – HackGT 2014: *LeapMotion API, Java* September 2014
A mixer that played 808 drum sounds based on user hand movement using the LeapMotion API and Java

The Sorting Hat: *Python, Flask, Instagram API* April 2016
A web application built using Python with Flask to sort users into a Hogwarts House based on their Instagram pictures

Social Forecast: *PHP, Google Maps API, IBM Watson API* May 2016
A web application built using PHP, Google Maps API, and IBM Watson to show a heatmap of tweets for particular topics

SKILLS

Languages and Tools: Java, Python, Git, HTML/CSS, JavaScript, C++

CAMPUS AND COMMUNITY INVOLVEMENT

Association of Computing Machinery, **ACM-W Subcommittee Lead** August 2015 – May 2016

University Innovation Fellows, **Fellow** July 2015 – present

Science Olympiad Outreach at UGA, **President and Founder** August 2014 – December 2016

UGAHacks, **Hackathon Organizer** March 2015 – May 2017

AWARDS

Generation Google Scholar 2015 – 2016

NCWIT Award for Aspirations in Computing, *National Runner Up (2012-2013)* 2011 – 2013

TEACHING EXPERIENCE

University of Illinois at Urbana-Champaign, Urbana, IL August 2018 – present
Teaching Assistant

- Facilitated undergraduate lab sessions for Introduction to Programming course

AddisCoder, Addis Ababa, Ethiopia July 2018 – August 2018
Teaching Assistant

- Developed lab workbooks in Jupyter Notebook to help practice and build student skills in programming
- Instructed labs of about 20 students in completing lab notebooks and reviewing concepts learned in lecture

iD Tech Camps, Atlanta, GA May 2018 – July 2018
Instructor

- Developed lesson plans, activities, and projects for week-long Machine Learning and Cybersecurity Courses
- Supervised children from ages 7 to 17 during classes, lunch, and activity times

University of Georgia Computer Science Department, Athens, GA January – December 2015, 2016
Undergraduate Teaching Assistant

- Taught students one on one and graded projects and labs in Systems Programming and Introduction to Programming