Son A. Pham

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SKILLS

- Python, Java, Shell Scripting, JavaScript, HTML/CSS, Go;
- Linux, Amazon Web Services, Google App Engine, Docker;
- Git, Vim, Android, AngularJS, Bootstrap, SimpleCV, LaTeX;

PROFESSIONAL EXPERIENCE

Google, *Software Engineer, Tools and Infrastructure*   Feb. 2016 – current
- Working on Google Apps engineering productivity, testing frameworks, release tooling and infrastructure;

AT&T, *Data Engineer Intern*   Sep. 2015 – Dec. 2015
- Researched and built a system that uses AT&T existing geospatial big data to visualize product penetration, macro-trends across markets, micro-trends down to the household level, and to help guide marketing programs;
- Used and improved upon the Hadoop big data platform tools to build a near-realtime details-on-demand data pipeline;

Intuit, *Software Engineer Intern (DevOps)*   May. 2015 – Aug. 2015
- Built a system of clients, a web server and a web frontend to capture and visualize infrastructure server inter-communication to help with the application deployment process and network security; using Linux, Chef, Python, Node.js, Redis;

CompuMatrice, *Software Engineer Intern*   Aug. 2014 – May. 2015
- Implemented additional features and fixed bugs for the existing frontend codebase of a commercial platform for healthcare providers using AngularJS;
- Designed and implemented a package for getting and persisting data from web services via REST/JSON for the company's Android application;

The University of Texas at Dallas, *Discrete Math Mentor*   Jan. 2013 – May. 2014
- Effectively answer questions, help solve homework problems, lead weekly and exam review sessions for all students taking Discrete Math, Data Structures and Algorithms, and Computer Architecture courses;

EDUCATION

The University of Texas at Dallas   2011 – 2015
B.S. Computer Science Honors, GPA: **3.820**

AWARDS

Academic Excellence Scholarship, *The University of Texas at Dallas*   2011 – 2015
First Place/Best Mobile App, *AT&T Connected Car Dallas Hackathon*   Aug. 2014
Best Use of Bloomberg API, *TAMUHack 2014 Hackathon*   Oct. 2014
Second Place/Best Use of Kandy API, *Tech Mahindra IoT Hackathon*   Feb. 2015
Best Hackathon Overall App, *AT&T Mobile Hackathon*   Mar. 2015

PROJECTS

GitHub – Personal projects and open source contributions at github.com/sonph;

Last updated Jul. 2017.