

LOGAN ALLEN

Los Altos, CA 94024 ♦ 650.492.1030 ♦ lga24@cornell.edu ♦ www.logan-allen.me

EDUCATION

Cornell University, Ithaca, NY

Spring 2018

Bachelor of Science in Computer Science

- College of Engineering | GPA: 3.67
- Engineering Dean's List – FA 2014, SP 2015, FA 2015, SP 2016

WORK EXPERIENCE

Software Engineer Intern | *Brocade Communications*

Summer 2016

San Jose, CA

- Currently employed as an intern in the Office of the CTO
- Big data analytics, machine learning, and software-defined networking prototyping

Instructor | *iD Tech*

Summer 2015

Stanford University, CA

- Taught eight new students Python or Java every week (middle school and high school students, respectively)
- Individualized lesson plans by adjusting the difficulty of the curriculum as well as individual attention
- Supplemented provided curriculum with my own teachings about object-orientation and graphics
- Provided enriching educational instruction, support, and advice

Undergraduate Research Assistant | *deVlaminck Lab*

Spring 2015

Department of Biomedical Engineering, Cornell University, NY

- Preparation and analysis of Au-labeled bacteria with electron-microscopy
- Investigative research for single-cell microbial isolation and labeling
- Individual work performing experiments and short reports/papers

AVID Peer-Tutor | *MVHS*

Fall 2013 – 2014

Mountain View, CA

- Tutored and mentored freshman needing motivational and intellectual support to increase their success in high school and achievements thereafter

PROJECTS

Career Fair iOS App – Co-Developer, Assistant Designer

Fall 2015 – Present

- Interactive map, personalized checklist, company data using Parse

Minesweeper DN iOS App – Co-Developer and Designer

Winter 2015

- Modern minesweeper game | Animations |

5-Stage Pipelined MIPS Processor – Co-Designer and Creator

Fall 2015

- Fully implemented microprocessor on Logisim | Forwarding, hazard detection, DROM & DRAM

Tower Defense Game – Sole Developer and Designer

Summer 2015

- Created with Python utilizing Pygame | Object-oriented design

Blackjack Game – Sole Developer and Designer

Spring 2014

- Made with Java | Object-oriented design | Awarded First Place amongst 50 classmates

ACTIVITIES

CUAppDev Project Team: iOS Developer

Spring 2016 – Present

- Make sophisticated iOS applications with a team of Cornell Engineers

Phi Kappa Tau Fraternity: Social Chair

Spring 2015 – Present

- Organize and run all social events | Management, organization, delegation, budgeting

ECRAFT [Engineering Career Fair Team]: Corporate sub-team, Tech sub-team

Fall 2015 – Present

- Create and maintain an interactive iOS app for students to navigate Cornell's technical career fair.

Cornell University Men's Club Volleyball: Team Captain

Fall 2014 - Present

SKILLS

Programming: Java | Python | Matlab | Swift | Assembly | C | HTML | CSS | Javascript | PHP

Software: Xcode | Logisim | Photoshon