

LOGAN ALLEN

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EDUCATION

Cornell University, Ithaca, NY

Spring 2018

Bachelor of Science in Computer Science

- College of Engineering | GPA: 3.73
- Engineering Dean's List – Fall 2014, Spring 2015

WORK EXPERIENCE

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

Assistant Coach | MVVC (Mountain View Volleyball Club)

Summer 2012 – 2014

Sunnyvale, CA

- Managed and organized drills and practices, taught advanced volleyball skills and techniques
- Encouraged individual improvement, promoted teamwork and positivity

PROJECTS

Career Fair iOS App – Co-Developer, Assistant Designer

Fall 2015 – Present

- Interactive map, personalized checklist, company information | Current Phase: Creation

Minesweeper iOS App – Co-Developer and Designer

Fall 2015 – Present

- Fully functioning minesweeper game for iOS | Current Phase: Posting on App Store

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 | Current Phase: Conversion to web app

Blackjack Game – Sole Developer and Designer

Spring 2014

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

ACTIVITIES

Cornell University Men's Club Volleyball: Starting setter | Floor Captain

Fall 2014 – Present

Phi Kappa Tau Fraternity: Social Chair | Fundraising for SeriousFun™ Children's Network

Spring 2015 – Present

- Organize and run all social events | Coordinate with sororities and professional organizations

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

Fall 2015 – Present

- Communicate with and recruit companies to attend Cornell's spring career fair. Create and maintain an interactive iOS app for student to navigation Cornell's technical career fair.

SKILLS

Programming: Java | Python | Matlab | Swift | Assembly | C | Basic HTML and CSS

Software: Xcode | Logisim | Photoshop