LOGAN ALLEN

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EDUCATION

Cornell University, Ithaca, NY   *Spring 2018*
Bachelor of Science in Computer Science
- College of Engineering | GPA: 3.65
- Engineering Dean's List – FA 2014, SP 2015, FA 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 data using Parse
Minesweeper 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

Cornell University Men's Club Volleyball: Starting setter | Floor Captain   *Fall 2014 – Present*
Phi Kappa Tau Fraternity: Social Chair | Fundraising for Serioüsfun™ 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 | HTML | CSS | Javascript
Software: Xcode | Logisim | Photoshop