

Austin T. Crain

3535 Lebon Dr., Apt. 4418, San Diego, CA 92122 ♦ 610-554-0906 ♦ acrain@ucsd.edu
<https://www.linkedin.com/pub/austin-crain/a2/119/291>

Objective

Computer Science master's student with a focus in big data analysis and machine learning pursuing an internship in financial engineering.

Education

- **University of California San Diego** San Diego, CA Graduate in March 2018
Master of Science in Computer Science and Engineering
- **Pennsylvania State University** University Park, PA Graduated in December 2014
Schreyer's Honor College
Bachelor of Science in Electrical Engineering GPA: 3.57/4.00

Employment

- **Intel Corporation** Folsom, CA 1/2015-8/2016
Manageability Engine Firmware Debug Engineer
 - Implemented Java based decoder framework to improve triage process
 - Worked with experts around the world to generate Java decoders for parsing all kernel and application run-time memory and registers
 - Initiated work on a rules-based database search that would flag probable bugs in the system run-time environment
 - Interacted with customers to determine root cause of issues and provide resolution
 - Debugged embedded firmware source to identify fault and provide solutions
- **Intel Corporation Intern** Folsom, CA 5/2013-8/2013
Management Engine Firmware Debug 5/2014-8/2014
 - Facilitated debugging process by embedding a website in an eclipse application
 - Converted JavaScript code to Java
 - Helped simplify a debugging program by standardizing XML files

Projects

- Designed and wrote Recommender system for dataset of users/movies
- Wrote "social-group" recognition in Python using VGG16 base
- Wrote Word2vec unsupervised focus learning algorithm
 - Improved accuracy for learning on small datasets

Additional Skills or Qualifications

- Proficient in Java, Python, C, C++, C#, Verilog, MATLAB, R, SAS
- Dale Carnegie Course
- Emergency Medical Responder
- Proficient in English and Spanish
- US Citizen