

Ambrose Hundal

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Computer Science student seeking internship opportunities

Education

University of California, Santa Cruz

1156 High Street. Santa Cruz, CA 95064

Bachelors of Science in Computer Science

September 2015- June 2019 (Expected)

Experience

Software QA Intern - Radar Technologies Inc, Cupertino, CA (www.MyRadarApp.com)

June 2016- September 2016

- Actively communicated with developers and manager to improve testing coverage by 90%.
- Created and executed automated software test plans, cases and scripts to identify and document software problems.
- Logged and reported bugs in Jira, and ran sanity, black box and regression testing.

Student Lead - Transportation and Parking Services, Santa Cruz, CA

January 2016 - September 2016

- Helped increase parking sales during school events by 30%.
- Directed traffic and pedestrian flow at intersections during campus events.
- Interacted in a professional environment with people of diverse backgrounds.

Coursework

FreeCodeCamp - Built front-end webpage projects in HTML5/CSS and JavaScript using JQuery, Bootstrap and Responsive Design.

Intro to Programming(CS 12A)- Worked with java functions; conditionals and loops; classes; event driven programming and graphical user interface(GUI's).

Data Structures and Algorithms(CS 12B)- Focused on pointers, recursion; linked lists and list processing ; stacks; binary trees and binary search trees.

Applied Discrete Math(CE 16) - Mathematical proof methods (induction, contraposition, contradiction), counting methods (permutations, combinations), and recurrences.

Linear Algebra(Math 21) - Covered Linear Algebra principles including matrices, determinants and row operations.

Projects

SnapSecure(UCSC Hackathon 2017) - Worked on the front end part of an online webpage that allows users to share images/videos without the potential threat of getting screenshot. This project was completed using HTML5/CSS , JavaScript, Pixi.js library and Bootstrap.

Aesthetic - Implemented Adobe Photoshop and HTML5/CSS along with PHP to design the user interface of Aesthetic- a web application created to provide all training and nutritional information to competitive bodybuilders and physique competitors.

Personal website- Built a personal website showcasing all my projects and work experiences. (<https://ambrosehundal.github.io/>)

Skills

HTML5/CSS, JavaScript, Java, Angular JS, jQuery, Node.JS ,Pixi.JS, SQL, Jira, Leadership, Public Speaking, Critical Thinking, Problem Solving, Teamwork, Quadrilingual (English, Spanish, Punjabi and Hindi)

Leadership Activities

President, Dumbbell and a Dream Club

August 2014 – Present

- Founded a club to educate the local community about health and fitness training.
- Organized competitions at local gyms and prepared members for competitive powerlifting.

Member- Pi Alpha Phi Fraternity

January 2016-Present

- Organized philanthropy events, fundraisers, tabling events and annual alumni dinners.
- Collaborated in designing flyers and clothing apparel for rush event themes.

Interests

Physics, Fitness, Artificial Intelligence, Film Making, Environmental Science, Football, San Francisco 49ers, Regenerative medicine, Soccer, Game of Thrones, Black Mirror, Music, Reading, Mixed Martial Arts, Psychology, Photography