Ian James Hunter
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EDUCATION
B.S in Software Engineering– GPA 3.7   *Graduating Spring 2017*
San Jose State University, San Jose, CA

TECHNICAL SKILLS
Languages: Java, C, Python, Swift, HTML5, CSS3, Javascript, MySQL, Firebase, Linux
3D Modeling: Solidworks, OpenSCAD, Blender

PROJECTS
Robotic All-Terrain-Vehicle: *Embedded Systems* **– C**   *Fall 2016*
- Programming control systems with the dspic33F microcontroller and Intel Edison
- Modeling and printing spider-like auxiliary arms to stabilize the vehicle

SquigBee: *Anonymous Location-Based Chat* **– Swift3 & Firebase**   *Fall 2016*
- Developing an iOS App with Swift3 and using Firebase for backend.
- Utilizing machine learning to create chat groups for users based on location

Pronet: *A Pseudo LinkedIn* **– Python (Django Web Application)**   *Fall 2016*
- Deploying web application on an Amazon EC2 and AWS with uWSGI, nginx, and MySQL
- Managing a team of 5 people to develop modules for the application

Deedger: *A Dodging Dino Game* **– Java (Android)**   *Spring 2016*
- Created design patterns, such as an Abstract factory to spawn Enemies
- Utilized the libGDX java game development framework for the game engine

8x8x8 LED Cube: *Applied Linear Algebra Project* **– C**   *Spring 2014*
- Displayed a real-life example of an 8x8x8 3D matrix using blue LED's (Arduino)

EXPERIENCE
Start-up Intern, Yoshi Inc., *Mobile Gas Delivery Service***,** Palo Alto, CA   *Summer 2015-2016*
- Assisted in design of patented technology for remote entry to car's gas doors.
- Programmed Social Media automation, IoT sensors, and OBD2 iOS mobile application

Partner, Hunter 3D**,** Palo Alto, CA   *Dec 2014 – Present*
- Actualized prototypes for customers using Solidworks and AutoCAD.
- Modified the miracle.json print-configuration file and printer to extrude NinjaFlex.

Research Assistant, S.E.R.C., HSU, Arcata, CA   *Jan 2014 – Aug 2014*
- Contributed to IEC technical specifications for off-grid photovoltaic lighting products

Intern Programmer, Cognisense Labs**,** Arcata, CA   *Summer 2013*
- Collaborated with a team to code a health monitoring system

EXTRA-CURRICULUR ACTIVITIES
HAM Radio Volunteer, Devil Slide Ride Event   *Summer 2016*
- Volunteer to help non-profit effort for event communications effort

SJSU Radio Club, Member   *Fall 2014-Present*
SJSU Robotics Club, Member   *Fall 2016-Present*
Tau Beta Pi, Member (Top 1/8th of Senior Class)   *Fall 2015-Present*

ACADEMIC HONORS AND LEADERSHIP
Dean's scholar (GPA > 3.65)   *Spring 2016*
President, Arcata High School Student Body   *Fall 2010*

HOBBIES & INTERESTS
3D printing, 3D modeling, Alto Saxophone, Animation, Film History, Game Programming, Guitar, HAM Radio (KM6CRJ)