**EDUCATION**

Attending California Polytechnic State University and pursuing a degree in Computer Engineering.

Portland State University: Completed college classes at the University during my senior high school year. Completed MTH 251- Calculus I and in ECE 102 - Engineering Computation.

Carnegie-Mellon University: Pre-College Program Summer 2014. Completed “Introduction to Electrical Engineering” and “Fundamentals of Programming and Computer Science.”

# **WORK EXPERIENCE and COMMUNITY SERVICE**

Aerial Technology International (ATI), November 2014 – June 2015 Intern, June 2015 – Present Build Technician (40 hrs/wk) at ATI. Build and test aerial drones used by a wide variety of customers such as filmmakers, farmers, and wildlife biologists. Created this job by emailing the company and offering to work for free then later paid. This job combines many of my interests into one activity: electrical engineering, avionics, photography, and computer science.

Architecture, Construction, Engineering (ACE) Mentor Program of America, January - May 2014 & 2015: Intern on a team of 15 students and industry professional mentors for 15 weeks in 2014 and 2015 working on design, construction, and presentation of projects to benefit the community. Projects involved designing a food court for the Rose Quarter and a community swimming pool.

Volunteer and Intern, “Free Geek,” 2011 - 2014. Worked as a computer technician at this nonprofit organization, which recycles, refurbishes, and builds computers that are distributed for free to schools, non-profit organizations, and low-income citizens. Duties included dismantling and recycling computer parts. Also worked as a “build intern” helping less experienced volunteers overcome challenges and improve their computer skills. Helped the local community and the environment while also having fun learning important skills.

Teacher Assistant and Chemistry Mentor at Cleveland High School. Tutor younger high school students who need help with principles of Chemistry. During my school’s open house, called “Bridging the Gap,” demonstrated experiments to incoming eighth graders.

I**NTERESTS and EXTRACURRICULAR ACTIVITIES**

Played JV football for Cleveland High School, 2011 – 2013, member of the Pigmice Robotics Team, 2013 – 2015, Pilot PDX Hackathon – 12-hour day of learning about coding and computers.

**SKILLS**

Mac/Apple (iOS and OSX), Windows & Linux computer experience; have built desktop PCs. Proficient with MakerBot 3d printers and software and can pick up others quickly.

Familiar with Python, Ruby, Java, and JavaScript programming languages.

Google Docs, MS Word, MS Excel, MS PowerPoint, Photography with GoPro Hero 4 camera, CC After Effects, CC Premier Pro, and CC Photoshop.

**REFERENCES**

Lawrence Dennis

CTO/Owner, Aerial Technology International

9053 SE Jannsen Rd

Clackamas, OR 97015

Work: (503) 344 – 4397

Cell: (503) 550 – 0522

Email: lawrence@aerialtechnology.com