Eric P Jones

Software Product Engineer (what's next?)

enjoys reading maps, being lost, and helping people

eric@ercjns.com

Seattle, WA

education

BS Electrical and Computer Engineering

Olin College of Engineering *May 2013*

Project-based coursework exploring mechatronics, analog and digital communications, user-oriented design, computer science, and sustainability.

skills

Software

Proficient: Python

Prototyping: Node.js, C/C++, *nix, SQL, SolidWorks, MATLAB, ArcGIS, LabVIEW

Hardware

electronics bench, clean room experience; basic machine shop, manual mill, composites fabrication

experience

Program Manager

Microsoft *August 2013 – ongoing*

Improved windows developer experience by streamlining registration and driving improvements in features for all types of developers, sellers, and partners. Realized a 25% decrease in support volumes by removing steps from developer registration.

Product Development Intern

Boeing *summer 2012*

Created proof of concept prototypes for next generation onboard electronic communications infrastructure and protocols using COTS hardware.

Research Assistant

University of Minnesota *summer 2011*

Designed testing protocol, characterized, and evaluated thin films for use in multi-layer solar cells.

Research Assistant

Washington State University *summer 2010*

Developed software (MATLAB) to analyze weather station data and model canopy particle flows.

projects

Orienteering live team scoring

Cascade Orienteering Club

fall and winter 2014

Developed and demonstrated a full stack solution to provide live results and team scoring for local orienteering meets (300+ competitors). Integrated alongside existing meet management software. Node.js, express, mongoose.

ASME Human Powered Vehicles Team

Olin College

fall 2009 – spring 2012

Contributed to design, fabrication, testing, and documentation of a custom bicycle. As a co-leader of the 20 person team, lead ideation, ensured availability of resources, and drove multiple dependent work streams to completion.

Zero Turn Mower Traction Control

Olin College SCOPE

fall 2012 – spring 2013

On a team of five, I contributed system design, sensor/platform software (LabVIEW), and analysis software (Python) for a traction control research platform developed in partnership with and delivered to Ariens Co.

March 2015