

Javier A. Taylor

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javiertaylor.com

Education

University of Michigan

Computer Science BSE

Ann Arbor, MI

08/2014 - 04/2018

Minor in Entrepreneurship

Technical Course Topics:

- Computer Security
- Operating Systems
- Web DB & Info Systems
- Data Structures & Algorithms
- Discrete Math/Logic Design
- Statistics and Linear Algebra
- Computer Organization

Entrepreneurship Courses:

- Business Basics
- Creativity
- Venture Analysis
- Customer Discovery

Skills

• Programming:

C++ (3 yrs of college courses)

C (2 yrs of college courses)

Python (Self-taught, 1 yr)

Java (from Android dev)

MatLab (2 courses)

• Technologies:

Familiar with Linux, Windows, and Mac OS, Android Studio and Visual Studio IDEs, development using Git and Bash

• Web Development

Familiar with HTML, CSS, JavaScript, RESTful API, AngularJS, Flask, and MySQL

• Android Development:

Self-taught use of Android Studio to develop mobile apps

Awards

- Engineering Scholarship of Honor, University of Michigan
- Regents Merit Scholarship, University of Michigan
- Brown Memorial Scholarship, University of Michigan

Work Experience

Software Development Engineering Intern

Amazon.com

Seattle, WA

05/2017 – Present

Software Engineering Intern

Servant Systems, Inc.

Chelsea, MI

05/2016 – 08/2016

- Worked on a team of Software Engineers and Interns to develop and test software for franchising companies using agile process management
- Used Jasmine, Protractor, and Visual Studio testing tools to build automated test suites for complex web apps developed with .NET framework
- Wrote production-level code using JavaScript, AngularJS, NodeJS, and C#

Co-Founder

TrailTuff Nets, LLC

Ypsilanti, MI

07/2012 – Present

- Co-founded small business that produces and sells polypropylene cargo nets for Jeeps throughout the country and internationally for off-roading purposes
- Designed website (trailtuffnets.com) and nets, manage supplies and marketing

Research Assistant

University of Michigan Transportation Research Institute

Ann Arbor, MI

08/2014 – 04/2015

- Worked with Michigan IOE professor to run experiments, code scenarios for NADS MiniSim driving simulator, and draft and edit reports for auto companies
- Gained experience in teamwork, technical communication, and tech research
- Co-author: Green, P., Echols, S., and Taylor, J. (2014). Crash Warning Systems: The Human Factors

Engineering 101 Study Group Leader

University of Michigan

Ann Arbor, MI

08/2015 – 04/2016

- Led study group for Introduction to Computers and Programming for students in the Mosher Jordan Residence Hall, held office hours and designed lesson plans

Extracurricular Activities

Board Member and Project Team Chair

Code-M

Ann Arbor, MI

08/2015 – Present

- Helped to lead Computer Science club that works to teach skills related to the field, tutor for courses, host company events, and bring the tech world to UMich
- Hosted, organized, and lead tech workshops and club programming projects

Peer Mentor

Michigan Research Community

Ann Arbor, MI

08/2014 – 04/2016

- Led activities and set up events to build a community based on research
- Placed in charge of first year students to oversee transition to university and research responsibilities after joining as a first year member

Projects

Notepad application for Android phones (available at javiertaylor.com/NotePad)

- Created with Android Studio to learn basics of mobile development

Personal website (javiertaylor.com) to showcase portfolio and web dev skills

- Created from scratch using HTML, CSS, JavaScript, Bootstrap, and AngularJS