Javier A. Taylor

javierat@umich.edu
(734) 256-0957
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
- Artificial Intelligence
- 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)
Python (Self-taught, 2 yrs)
Java (Android dev and course)
JRuby (Amazon internship)

- **Technologies:**
Familiar with Linux, Windows, and Mac OS, Android Studio, Eclipse, and Visual Studio IDEs, development using Git and Bash

- **Web Development**
Familiar with HTML, CSS, JavaScript, Ruby on Rails, 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 Engineer
Amazon
08/2018 – Present
Seattle, WA
- Software Development Engineer on Personalization Testing and Tools Team

Software Development Engineer Intern
Amazon
05/2017 – 07/2017
Seattle, WA
- Worked on a team of engineers to fully control and design internship project
- Designed, documented, implemented, and tested full stack of project that monitored, automated, and collected data on site infrastructure failover tests
- Used JRuby on Rails and MySQL to create internal tool for site technician use that gathered and analyzed network data and cut testing time down by over 75%

Software Engineering Intern
Servant Systems, Inc.
05/2016 – 08/2016
Chelsea, MI
- Worked on a team of Software Engineers and Interns to develop and test software for companies in the franchising industry 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
07/2012 – 05/2018
Ypsilanti, MI
- Co-founded small business that produces and sells polypropylene cargo nets for Jeep owners domestically and internationally marketed for off-roading purposes
- Designed website (trailtuffnets.com) and nets, manage supplies and marketing

Research Assistant
UofM Transportation Research Institute
08/2014 – 04/2015
Ann Arbor, MI
- 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

Activities

Summer Service Intern
YouthWorks-Detroit
05/2018 – 07/2018
Detroit, MI
- Helped to run a summer job and leadership development program for high school aged inner-city students doing service projects around Detroit

President and Board Member
Code-M
08/2015 – 04/2018
Ann Arbor, MI
- 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 University of Michigan

Peer Mentor and Study Group Leader
Michigan Research Community
08/2014 – 04/2016
Ann Arbor, MI
- Placed in charge of first year students to oversee transition to university and research responsibilities and led a study group for programming courses

Projects

Pray by Day, prayer app for Android (Pray by Day) designed with international team
- Implemented full Android app, ~1,000 active users < 1 month after release

Personal website (javiertaylor.com) to showcase portfolio and web dev skills
- Created from scratch using HTML, CSS, JavaScript, Bootstrap, and AngularJS