Javier A. Taylor

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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 Intern
Amazon
Seattle, WA   *05/2017 – 07/2017*
- Worked on a team of engineers to fully control and design internship project
- Drafted, documented, designed, 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.
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 .NET web apps and minimize bugs in deployment process
- 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 Jeep owners domestically and internationally marketed 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

Extracurricular Activities

President and Board Member
Code-M
Ann Arbor, MI   *08/2015 – Present*
- 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
- Hosted, organized, and lead tech workshops and club programming projects

Peer Mentor and Study Group Leader
Michigan Research Community
Ann Arbor, MI   *08/2014 – 04/2016*
- Placed in charge of first year students to oversee transition to university and research responsibilities, led activities and set up community building events
- Led study group for basic programming courses, held office hours and lessons

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