Kurtis Taylor

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Education

Purdue University Fort Wayne *GPA: 3.51/4.00*
Master of Science, Applied Computer Science *August 2018 - December 2019*
Bachelor of Science, Computer Science, *minor in Mathematics* *August 2014 - May 2018*

Qualifications

- Proficiency in Java, JavaScript (ES6, Node, MongoDB, React Native), C#, and Bash
- Familiar with programming under OSX, Linux (Debian), and Windows environments
- Experience with modern version control systems, such as Git
- In-depth knowledge of software architecture, software design patterns, Agile methodology, software specification and testing with Test Driven Development, and project management
- Highly responsible, comprehensive, and dedicated team player

Professional Experience

Aptera Software, Fort Wayne, IN *January 2018 - Present*
Software Developer

- Work on various software and web projects, contributing to multiple Scrum teams
- Build APIs to communicate with content management system platforms, such as Sitefinity

IPFW Center for Academic Success and Achievement, Fort Wayne, IN *August 2015 - Present*
Teaching Assistant, ScholarChat Mentor, Tutor

- Mentor students to provide deeper understanding of computer science and math courses
- Established ScholarChat program, a student-led mentoring program designed to motivate students academically and build strong relationships with peers

OneAmerica, Indianapolis, IN *Summer 2017*
Software Developer Intern

- Worked on developing a portal for agents who sell and service insurance policies, provided in a modern, secure web application supporting desktop and mobile devices
- Developed automated documentation generators using SwaggerDoc for RESTful API
- Selected among class of 23 interns to host summer intern project presentation

IPFW Department of Computer Science, Fort Wayne, IN *April 2016 - October 2016*
Research Assistant

- Published paper with Dr. Zesheng Chen on the spread of influence in social networks
- Derived a mathematical Markov model to predict the spread of influence in undirected social network topologies, such as Facebook and LinkedIn, more accurately by 15%

Relevant Projects

Indoor Navigation: Improving Patient Experience, Senior Capstone Project *May 2017 – May 2018*
Team Leader, sponsored by Parkview Health

- Developed native Android application that provides indoor navigation and wayfinding capabilities for hospital patients and visitors using BLE beacons
- Built highly scalable prototype infrastructure covering 25,000 square feet

DrinkLink, Software Engineering Semester Project *January 2018 – April 2018*

- Mobile application written in React Native that enables users to share beer, wine, and liquor prices after visiting local liquor stores