

Kurtis Taylor

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Education

Purdue University Fort Wayne

Master of Science, Applied Computer Science

Bachelor of Science, Computer Science, *minor in Mathematics*

GPA: 3.40/4.00

August 2018 - December 2019

August 2014 - May 2018

Professional Experience

IPFW Center for Academic Success and Achievement, Fort Wayne, IN

August 2015 - Present

Teaching Assistant, ScholarChat Mentor, Tutor

- Established ScholarChat program, a student-led mentoring program designed to motivate students academically and build strong relationships with peers
- Work with students to provide further understanding of computer science and math courses, such as programming languages, computer architecture, discrete mathematics, and calculus

OneAmerica, Indianapolis, IN

May 2017 - August 2017

Software Developer Intern

- Contributed to Agile software team 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 in Java for RESTful services in the portal's API
- Worked with and built SOAP requests in JavaScript to communicate with AWS
- Selected among class of 23 interns to host summer intern project presentation delivered to high leadership, which highlighted the disconnect between insurance and the Millennial generation

IPFW Department of Computer Science, Fort Wayne, IN

April 2016 - October 2016

Research Assistant

- Published research 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%

Kroger, Fort Wayne, IN

June 2012 - December 2015

Front End Supervisor, Utility Clerk

- Oversaw front-end employees and worked in the back-end of the store to help with vending
- Communicated with managers, customers, and vendors to provide quality shopping experience

Relevant Projects

Indoor Navigation: Improving Patient Experience, Senior Capstone Project

May 2017 - Present

Team Leader, sponsored by Parkview Health

- Developing mobile Android application that provides indoor navigation and wayfinding capabilities for patients and visitors at the Parkview Regional Medical Center using BLE beacons
- Creating prototype solution covering 25,000 square feet, scalable up to 100,000 square feet

BeerBuddy, Web Application Development Semester Project

August 2017 - Present

- Web application that enables users to share beer prices after visiting local bars and liquor stores

Qualifications

- Proficiency in Java, Python, JavaScript (Node, Angular), Go, PHP, Bash, and mobile development
- Familiar with programming under OSX, Linux (Debian), Windows, and Android environments
- Experience with modern version control systems, such as Git
- In-depth knowledge of software design, including UML, object oriented programming, MVC, software specification and testing (JUnit), Agile methodology, and project management
- Highly responsible, comprehensive, and dedicated team player