Kurtis Taylor

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Education

Purdue University Fort Wayne *GPA: 3.7/4.0*
Master of Science, Applied Computer Science *August 2018 - May 2020*
Bachelor of Science, **Computer Science**, *minor in Mathematics* *August 2014 - May 2018*

Qualifications

- Proficiency in C#, VB.NET, SQL, and Python
- Familiar with programming under Windows and OSX/Linux environments
- Experience with Azure, Microsoft DevOps, and Microsoft TFS
- Adept with modern version control systems, such as Git and Microsoft TFVC
- In-depth knowledge of software architecture, software design patterns, unit testing via Test-Driven Development, Agile methodology, and project management
- Highly responsible, comprehensive, and dedicated team player

Professional Experience

Core BTS, Fort Wayne, IN *January 2018 - Present*
Senior Software Developer
- Work on various software and web projects, contributing to multiple Scrum teams
- Build software systems that perform at scale across widespread user bases
- Design, deploy, and maintain cloud enterprise solutions
- Foster strong development habits in new college graduates

IPFW Center for Academic Success and Achievement, Fort Wayne, IN *August 2015 – May 2018*
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