Grant Bingham

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EXPERIENCE

Fast Enterprises LLC

Software Consultant   *Jan 2019 – Present*
- Used object oriented programming to implement production enhancements and fixes for the state's DMV application. This application is built on the .NET stack, and a SQLServer database.
- Implemented and optimized SQL stored procedures for routine reports used by business analysts.
- Consulted with state workers to gather requirements for changes to existing business processes.
- Used agile methodologies to develop and demonstrate software changes.
- Quality Assurance for production changes with Unit and Integrated Testing.

Whitworth University Office of Church Engagement

Web Development Intern   *May 2017 – Aug 2017*
- Built a full stack web application that allowed for church members to volunteer for various activities/ events, this improved the efficiency of the congregation's volunteering process.
- Set up a MySQL database to store user's contact information via MySQL API calls.
- Used PHPMailer Library to send the user's contact information to the manager of each position the user applied for.

EDUCATION

WHITWORTH UNIVERSITY   *Sept 2014 - Dec 2018*
Computer Science B.S., Mathematics Minor, Conferred Dec 2018, 3.3 GPA

EXTRACURRICULAR
- Track and Field: Team Captain, 1st Team All-Conference, All-Region
- Cross Country: Team Captain, 1st Team All-Conference, All-Region

PROJECTS

- **Allele Frequency Simulator**: A web application built on the Angular4 platform, Flask micro framework, and Python. The application was developed for the Whitworth Biology Department, and provides a graphical representation of the frequency of dominant alleles within populations. The algorithm is based on the Hardy-Weinberg equation and uses random pairing of parent alleles. Our team utilized agile methodologies for this capstone project.
- **CPU Process Scheduler:** A console application that simulates how an operating system might schedule a batch of jobs. This simulation includes C++ implementations of First-Come-First-Served, Shortest Process Next, Load Sharing, and Round Robin scheduling algorithms.

LANGUAGES & SOFTWARE

- Languages: Java, Python, C++, VB.NET , SQL, HTML, CSS, Javascript
- Frameworks: ReactJS, Angular4
- IDE's/ Software: VisualStudio, Eclipse, VSCode, SQLServer
- Additional Skills: AWS, Git/Github, MVC