Bryce Angaran

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Objective

To obtain a Software Engineer position

Education

Southern Illinois University Edwardsville **Spring 2021**

Bachelor of Science in Computer Science; Minors: Mathematics, Statistics; GPA: 3.2

Related Courses:
- Database and Web Development
- Algorithms and Data Structures
- Calculus II
- Interactive Design
- Software Engineering
- Statistics For Applications

Skills

Programming Languages
- Python, C++, CSS, HTML, Java, JavaScript

IDE
- NetBeans, Blue Jay, Visual Studio Code, Sublime Text 3, Atom, IDLE

Known Software
- GitHub, Git, Adobe XD, Photoshop, Premiere Pro, Sony Vegas Pro

Projects

Madison County Townships Web Application ⃝ **Fall 2020 - Spring 2021**
- Web Application to teach users about the history of Madison County Townships
- Designed around NFC tags and QR codes
- Built in Adobe XD
- Developed in a team of four
- Learned to manage client expectations and plan development milestones

Personal Web Portfolio 🌐 ⃝ **August 2020**
- An online collection of my past and ongoing projects
- Implemented using Java, JavaScript, HTML and CSS
- Learned about compression of images and videos

Multi-Facial Tracking ⃝ **April 2020**
- A program to detect faces from a webcam feed by placing a box
- Script implemented in Python using OpenCV
- Utilized facial detection by implementing a deep learning algorithm
- Learned basic Python programming and deep learning

Cougar Delivery ONLINE **March 2019**
- Software application that enabled multiple users to ship, track and place orders
- Implemented using C++
- Developed in a team of four
- Learned to design, model, and implement features from the ground up

Work Experience

Aquatic Coordinator - YMCA **September 2017 - Present**
- Solving scheduling problems with lifeguards and swim instructors
- Communicating with parents and children
- Teaching advance swim techniques in simple terms