

Charlie Duong

2415 Woodlawn Ave. Erie, PA 16510

814-431-9075

charlieduong94@gmail.com

Objective

To obtain a full-time position that would provide great opportunities for growth in the Software Applications Development field working with Web Services, Agile Development, and State of the Art technology.

Education

Pennsylvania State University, The Behrend College
Software Engineering Major
4701 College Dr. Erie, PA 16563
814-898-8600
Current GPA: 3.37

*Intended
Graduation:
May 2016*

Career History & Accomplishments

Experience

Languages

- Experience working with C, C++, C#, Java, JavaScript, HTML, CSS, SQL and MIPS Assembly Language.

Studies

- Learned about Object Oriented Programming and how to apply Polymorphism, Inheritance, Encapsulation, and other OOP fundamentals.
- Took a Software Architecture course that went over fundamental, creational, structural, behavioral, partitioning, and concurrency design patterns.
- Studied the concepts of Unit, Path, Data Flow, and Integration Testing.
- Participated in a Web Services course that taught how to create RESTful and SOAP-based applications using NodeJS, Glassfish and Apache Tomcat.
- Learned about the fundamentals of Embedded Systems such as Task Scheduling, Multitasking, and Inter-Task Communication.
- Experience working with SQL to modify and manipulate databases.

Work Experience

Intern at GE Transportation, Erie, PA, January 2015 - Present

- Currently developing an application with C++ that allows users to test Locomotive operations.

Current

Undertakings

Research

- Assisting a Software Engineering Faculty in the research of quick and efficient algorithms to solve NP-Complete problems such as solving Nurikabe puzzles.

Personal Projects

- Currently developing a Chrome Extension that provides accurate, location-based weather forecasts using AngularJS for the front-end framework.
- Creating an application using Web Sockets that allows users to seamlessly connect to their mobile phone to send, view, and receive SMS messages from their PC.
- Also building a website to host small web applications that will be deployed using EC2 Instances provided by Amazon Web Services.

Present Studies

- Currently learning about Continuous Integration and Test Driven Development.

Memberships & Affiliations

- Volunteer for Habitat for Humanity.
- Avid soccer and car enthusiast