Aidan Clyens

University of Waterloo – Computer Engineering
Email: azclyens@uwaterloo.ca | Cell: 519-216-8647 | Student ID: 20674961

Summary of Qualifications

- Created and maintained quality of an automated customer phone support system using web development tools.
- Learned to develop web applications locally using a LAMP stack and Git version control protocol.
- Developed logical organizational skills through problem-solving with C++, Java, and PHP.
- Built a Bluetooth controlled RC car using an Arduino UNO and custom-built PCBs.
- Gained experience building PCBs, soldering, and circuit debugging through past education.

Technical Skills

Working knowledge of and experience using the following:

- C++, Java, PHP, HTML/CSS and SQL languages
- Git/Github, Android Studio, Eclipse, Heroku, SendGrid and Twilio API software development platforms and tools
- Apache HTTP Server web server software
- Microsoft, Ubuntu, Android operating systems
- Microsoft Office (Word, Excel, PowerPoint) software

Work Experience

DataKinetics Ltd, Kanata, ON   Jan. 2017 – Apr. 2017
Product Owner

Used PHP, SQL, HTML and CSS to develop an online customer phone support system using the Twilio API.
Followed quality assurance procedures, produced software application documentation, gave weekly update presentations and demonstrations, and conducted testing and error checking of said support system software application.

Education

University of Waterloo, Waterloo, ON   Sep. 2016 – Apr 2021
Candidate for BASc – Computer Engineering

Fundamentals of Programming: Formulated code solutions to solve problems using knowledge of syntax and data types in C++.
Engineering Design with Embedded Systems: Software development for embedded systems, event-driven programming, project management, Android application development using various sensors.

Westside Secondary School, Orangeville, ON   Sep. 2012 – Jun. 2016
OSSD – Ontario Scholar

Computer Engineering: Learned the fundamentals of soldering, PCB design, circuit troubleshooting/debugging, circuit design with integrated circuits and basic elements, and Arduino.

Awards

Chemistry and Computer Engineering Subject Medallions	Oct. 2016
Technological Design Award	Oct. 2016
RJ Burnside & Associates Award	Oct. 2016