

## PROFILE

I am a focused, goal-driven individual who can stay organized and work efficiently, whether it be independently or in a team environment. I have experience in several areas of programming including web development, object-oriented programming, and procedural languages. With significant work experience under my belt and several personal and university projects completed, I am enthusiastic to tackle new and exciting challenges.

- Professional experience with object-oriented programming, relational databases, algorithms, and JavaScript
- Strong ability to quickly learn new technologies and skills acquired through a year's worth of professional work experience
- Excellent oral and written communication skills gained through coordinating with clients by both email and phone
- Time management and prioritization skills developed through managing multiple tasks simultaneously in the workplace
- Problem solving and analytical skills acquired through debugging and resolving issues that occurred in a production environment
- Careful attention to detail gained through meticulously completing client feature requests in compliance with their requirements

## EDUCATION

**BACHELOR OF COMPUTER SCIENCE, MOBILE COMPUTING, CO-OP** 2015 - PRESENT

Carleton University, Ottawa, ON

- 3rd Year Undergraduate, CGPA 10.7/12 (A-)
- Dean's Honour List 2015 - 2016 and 2016 - 2017
- Expected Graduation June 2020

## EXPERIENCE

**INTEGRATION SPECIALIST** MAY 2017 - DEC 2017

TravelClick, Ottawa, ON

- Integrated TravelClick's proprietary software with that of our clients and partners, using a comprehensive knowledge of web services, XML, SQL databases, and Java programming
- Liaised with clients and vendors by both email and phone to work out how integrations would function, co-ordinate data exchange, and ensure the satisfaction of the clients
- Documented rewritten and newly developed functionality to provide coworkers with an understanding of my important modifications
- Contributed to and performed maintenance on the large Java codebase that was designed and implemented using object-oriented principles
- Developed numerous JavaScript functions for clients in order to provide hotel guests with more personalized email communications
- Used development and continuous integration tools such as git, GitHub, BitBucket, and Jenkins

**UNDERGRADUATE RESEARCH ASSISTANT** MAY 2016 - SEPT 2016

Carleton University, Ottawa, ON

- Researched and implemented multiple C++ applications using various algorithms for finding the shortest path to a moving target, with the end goal of choosing the most efficient algorithm
- Collaborated with the professor to reduce the number of calculations necessary to find the shortest path to a moving target
- Documented every idea, implementation, and result discussed in order to provide reference material for future contributors

## PROJECTS

### TWO BUTTONS - THE REFLEX TAPPING GAME

FEB 2016 - SEPT 2016

URL: <https://goo.gl/li7qXt>

- Applied knowledge of XCode, Swift, and the Model-View Controller pattern to create a functional and efficient iOS application
- Taught myself how to use the Storyboard for both layout and segueing purposes, giving the application dynamic content
- Overcame challenges such as not knowing how to persistently store data, through independent research and testing
- Released the application on the iOS App Store, after delays due to developer age restrictions

### PERSONAL WEBSITE

JAN 2017 - PRESENT

URL: [www.averyvine.com](http://www.averyvine.com)

- Applied knowledge of web technologies including HTML, CSS, Javascript, JSON, jQuery, Node.js, and Express.js to develop a functional web application that utilizes RESTful APIs
- Independently researched and learned to use Bootstrap v4.0 to efficiently design and implement the website format, which looks good on all screen sizes
- Hosted the website using a combination of Heroku hosting services and a GitHub branch dedicated to releases

### NOTEPADD

FEB 2017

URL: [www.notepadd.net](http://www.notepadd.net)

- Applied knowledge of Github to efficiently collaborate with three team members
- Brainstormed various implementations of music playback in order to select the toolkit that produced the best synthesized sound
- Created an in-depth oral presentation to advertise the final product to a series of hackathon judges

## VOLUNTEERING

### CARLETON SCIENCE STUDENT SUCCESS CENTRE

SEPT 2017 - PRESENT

URL: [sssc.carleton.ca/mentor/avery-v](http://sssc.carleton.ca/mentor/avery-v)

- Elevate the Faculty of Science by helping undergraduate students define and achieve their academic, career, and social goals
- Conduct mentoring sessions with students to help them succeed in a post-secondary environment
- Brainstorm ways to provide resources, events, and workshops for Computer Science students, as a member of the Computer Science team

## EXTRA CURRICULARS

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|--|------------|
| • Attended the ConUHacks III hackathon at Concordia University                 | JAN 2018   |
| • Achieved 3rd place at the 2017 Carleton Code Guru competition                | APRIL 2017 |
| • Attended the QHacks hackathon at Queens University                           | FEB 2017   |
| • Achieved 2nd place at the 2016 Carleton Code Guru competition                | APRIL 2016 |
| • Reached the provincial finals at the ECOO Programming Competition in Toronto | MAY 2015   |

### PHONE

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### WEBSITE

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