

PROFILE

I am a focused, goal-driven individual who consistently brings enthusiasm and a high standard of professionalism to the workplace, both in independent and team environments. I have a wide range of experience in many areas of programming, including mobile applications, full-stack development, data structures and algorithms, databases, and general object-oriented programming. With significant work experience across multiple disciplines and several personal and university projects completed, I am ready to take on new and exciting challenges.

- Strong ability to quickly learn new technologies and skills
Acquired through extensive professional work experience and personal projects
- Excellent oral and written communication skills
Practised through coordination with clients and other developers by both email and phone
- Time management and prioritization skills
Developed through ongoing careful prioritization of tasks in the workplace
- Problem solving and analytical skills
Acquired through debugging and resolving issues occurring in production environments
- Keen attention to detail
Gained through meticulously completing client feature requests in compliance with specs

EDUCATION

CARLETON UNIVERSITY Ottawa, ON

2015 - PRESENT

Bachelor of Computer Science, Mobile Computing, Co-op

4th Year Undergrad | 10.9 CGPA (A-) | 11.3 Major CGPA (A)

- Dean's Honour List each year
- Expected graduation April 2020

EXPERIENCE

TRIPADVISOR Needham, MA

JAN 2019 - PRESENT

Software Engineering Co-op, iOS Development

Swift | Xcode | CocoaPods | Jenkins | Jira

- Abstracted large sections of MVVM architecture-based code for the iOS app's Restaurant Detail page to prepare for future server-side switch to GraphQL
- Refactored and updated several UI components on the Restaurant Detail page to improve clarity of information and ease of use
- Participated in the final phases of the redesign of the Nearby Restaurants section, which aimed to make choosing a restaurant on a whim a more accessible and pleasant experience

TRIPADVISOR Ottawa, ON

MAY 2018 - AUG 2018

Software Engineering Co-op, Full-Stack Development

Java | JavaScript | SQL | GraphQL | Kubernetes | IntelliJ | Jenkins | Jira

- Implemented a Java microservice within a Kubernetes environment, enabling restaurants and agencies to purchase advertisements on the TripAdvisor website in bulk
- Created an internal tool to help determine and track microservice dependencies and versioning, increasing the efficiency of future development work
- Analyzed and modified code throughout the tech stack in order to fix user-facing bugs, impacting an audience of millions worldwide

TRAVELCLICK Ottawa, ON
Integration Specialist Co-op

MAY 2017 - DEC 2017

Java | SQL | XML | JavaScript | Eclipse | Jenkins | Rally

- Integrated TravelClick's proprietary software with that of clients and partners by connecting remotely to their servers and providing them with custom code
- Liaised with clients and vendors by both email and phone to co-ordinate integrations and ensure client and guest satisfaction
- Wrote extensive technical documentation for colleagues and future hires

PROJECTS

SCIENCE STUDENT SUCCESS CENTRE IOS APP

SEPT 2018 - DEC 2018

URL: <https://goo.gl/HPeyn3>

Swift | Xcode | CocoaPods | SQL | JavaScript | Heroku

- Created an iOS application for Carleton University's SSSC allowing students to track grades, view upcoming events, and access valuable academic resources
- Developed a back-end JavaScript server separating event web scraping from the app, increasing app performance and improving ability to push updates related to web scraping

TWO BUTTONS - THE REFLEX TAPPING GAME

FEB 2016 - SEPT 2016

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

Swift | Xcode

- Taught myself several aspects of Swift development, including the use of storyboards, auto-layout, and MVC architecture
- Challenged myself to overcome challenges such as not knowing how to persist data, finally releasing the app to the App Store after delays due to developer age restrictions

PERSONAL WEBSITE

JAN 2017 - PRESENT

URL: www.averyvine.com

HTML | CSS | JavaScript | Bootstrap | jQuery | JSON | Firebase | Jekyll

- Originally developed a fast and responsive web application that RESTfully interacted with a Node.js web server, before migrating it to a static Firebase backend in early 2018
- Visually and internally overhauled the site in late 2017, providing a better and more aesthetically pleasing platform on which to advertise my abilities and accomplishments

VOLUNTEERING

SCIENCE STUDENT SUCCESS CENTRE

SEPT 2017 - PRESENT

URL: sssc.carleton.ca/mentor/avery-v

Team Lead for Computer Science | SSSC Mentor

- Elevating the Faculty of Science by helping undergraduate students define and achieve their academic, career, and social goals
- Brainstorming ways to provide engaging computer science-specific events and resources
- Conducting mentoring sessions to help students succeed in a post-secondary environment

PERSONAL

- ConUHacks III at Concordia University in 2018 (won 3 categories)
- QHacks at Queens University in 2017
- Avid jazz and classical pianist for 15+ years
- 2nd degree black belt in karate
- Video game enthusiast