

David Kubik

838 Sandringham Place, Kingston, ON, K7P1N2

343-333-1468

david.kubik@queensu.ca

www.linkedin.com/in/davidkubik

davidkubik.tech

Profile

- **Highly Passionate and motivated:** shown by the completion of multiple iOS/Web Development projects, hackathons and competitions in the field of front-end development
- **Exceptional verbal communication skills:** developed through years of tutoring and working as an operations manager at uBreakiFix
- **Strong research and planning skills:** as a result of balancing projects, full-time school and part-time work for years

Work Experience

Operations Manager

June 2015 - Present

Fix My Pod, Kingston, Ontario

- Participated in the development of the POS system resulting in experience using **HTML, CSS, JavaScript and MySQL**
- Adapted and learned to repair new device's quickly and efficiently to teach other employees
- Managed customer questions and concerns by understanding their needs, researching alternatives and providing effective solutions resulting in more positive reviews. Adapted communication style to best suit each customer.
- Interviewed and trained other employees resulting in a strong and adaptable team
- Supervised a 6-person team to organize various repairs and appointments resulting in fast repair times and positive reviews from customers.
- Taught myself micro soldering in order to further diagnose and repair more complicated issues to client's expectations which resulted in more incoming repairs and referrals

Education

Bachelor of Computer Science

September 2016 - Present

Queen's University, Kingston, Ontario

Class of 2020

- Specialization in Software Design
- Independently created a GUI for a grocery store entirely in **Java** resulting in an A in the course
- Learning the design and implementation of advanced data structures and related algorithms, including correctness and complexity analysis which will result in **more efficient code**
- Designed and created my own personal website as a project in Web Development which provided me with additional experience in **HTML, CSS and JavaScript**
- Created a search engine in **Python** by trying various binary search tree implementations resulting in optimal search speeds.
- Designed and built an iOS / Android game using **Unity 2D** which resulted in a lot of interest at the Queen's Creative Computing Showcase and an A+ in Game Development.
 - 2D Physics based game where the objective is to swing the main character across the screen, avoiding various obstacles.
- Queen's Business Certificate (In Progress)
 - Created, as part of a 3rd year project team of three, a detailed marketing plan for the transition of a local business to a franchise location.

Introduction to Databases (Dual Credit Program)

June 2016

St. Lawrence College, Kingston, Ontario

- Completed course with a 98.45%
- Learned MS Access and MySQL

Projects

Code the Change

April 2018

Queen's University

- Contributed to a team of 4 to win the competition by creating a new website for a popular club at Queen's University
 - Used HTML, CSS and JavaScript to create an aesthetic and functional website
 - Solved problems using effective **debugging and troubleshooting** procedures

Car Accident App

Currently creating an iOS Application that will allow you to create a report of a car accident

- Recognized a need for this type of service
- Designed by hand according to Apple iOS Design guidelines then later in Sketch
- Used the Sketch design to create the application in XCode (code is in **Swift**)

MacOs Web Browser

June 2018

- Used Swift to create a web browser that allows for more effective multitasking in MacOS

Maze App

July 2019

- Used Swift to create a maze game in iOS that utilizes the accelerometer to move your character through levels

Leadership and Extracurriculars

QHacks

February 2019

Queen's University, Kingston

- Participated in 3 Hackathons (QHacks and Local Hack Day at Queen's University)

Soccer Coach

March 2017 – June 2017

Archbishop Elementary School, Kingston

- Organized drills for students after school
- Contacted other schools to set up scrimmages for additional practice
- Resulted in the team coming second in Kingston's league

Competitive Soccer

June 2012 - Present

- Queen's Intramural Soccer (2016 – Present)
- Competitive Soccer (Cataraqui Clippers Soccer Club 2012 – 2016)

Technology Summary

- Languages: Python, Java, C, Swift, HTML, CSS, Javascript, PHP
- Strong MS Office skills
- Databases Management: MS Access, MySQL
- Design Tools: Designed iOS applications and icons using Sketch
- Photo Editing: Adobe Photoshop

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Phone: 343-333-1468

- Video Editing: Final Cut Pro and Adobe Premiere Pro
- Systems: Proficient in Windows, Mac OS and Linux