

# Hakim Temacini

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## EDUCATION

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**McMaster University, Current: 4.0 GPA**

*B.A.Sc. Computer Science, Minor in Math*

Hamilton, Ontario

Sep. 2021 – May 2025

## EXPERIENCE

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**Team Competitive Programming Member**

*McMaster Competitive Programming Team C*

Oct. 2021 – April 2022

Hamilton, ON

- Team Member for the official team representing McMaster in competitive programming for competing in ICPC (International Collegiate Programming Contest)

**Tech Lead Camp Counsellor**

*STEM Camp*

June 2021 – Aug 2021

St. Catharines, ON

- Independently supervised and managed activities for a group of 6 kids aged 5-12 years old
- Helped introduce the concepts of computer programming in different areas of study, from video game design to robotics, to small children

**Android Developer**

*ZeroDeveloper*

June 2019 – Present

St. Catharines, ON

- Posses over one year of experience with managing all aspects of the Android life cycle
- Published 3 mobile applications on the Google Play Store with cumulative total of over 200,000 downloads
- Released applications in over 147 countries with support for 11 different languages

**Senior Programmer FRC Team 1114**

*Governor Simcoe Secondary School*

Sep. 2018 – Mar. 2020

St. Catharines, ON

- Independently designed an application for recording data at robotics events
- Updated team website from past years to a completely new website located at <http://www.simbotics.org/>
- Aided in programming autonomous commands into a competition robot that went on to win an Autonomous Award in FRC Humber District Event 2021

## PROJECTS

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**Terra Hackathon Minecrate Project** | *Rust, NodeJS*

February 2022

- Proof of concept design for Minecraft marketplace on the blockchain using the Terra ecosystem
- Collaborated in a team environment under time constraints to win 3rd place overall
- Won 500\$ worth of cryptocurrency

**BlankIt, Question Generator** | *Python, Bootstrap HTML, Flask*

January 2021

- Submission Project for annual DeltaHacks Hackathon
- Used Flask as framework for constructing prototype website
- Developed a website to output fill-in the blank questions from a file input

**Viola-Jones Face Detector** | *Python, PyCharm, Numpy, OpenCV*

March 2020 – Present

- Implemented the framework for the Viola Jones style face detector based on the paper: <http://www.face-rec.org/algorithms/Boosting-Ensemble/16981346.pdf>
- Utilized a professional data set of Face/Non-Face images taken from CBCL Public Data Set
- Used NumPy for numerical calculations involving large collections of data, and OpenCV for image processing

**Covid-19 Tracker Application** | *Kotlin, Android Studio*

May 2020 – July 2020

- Developed a concept application for tracking COVID-19 cases, in a desired country
- Gathered data from a COVID API and uploaded it to an easily readable format

## TECHNICAL SKILLS

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**Languages:** Java, Kotlin, Python, C/C++, SQL, JavaScript, HTML/CSS

**Frameworks:** WordPress, Flask, Google Cloud

**Developer Tools:** Git, Android Studio, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

**Libraries:** pandas, NumPy, Matplotlib, OpenCV