


# Kris Frasheri

3A Computer Science | Economics Minor  
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## LINKS

 LinkedIn:// krisfrasheri  
 GitHub:// K-Frash  
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## EDUCATION

### UNIVERSITY OF WATERLOO

#### B.CS COMPUTER SCIENCE

Expected May 2021 | Waterloo, ON

Relevant Courses:

- User Interfaces (Java)
- Operating Systems (C)
- Numerical Computation (Python|NumPy|Matplotlib)
- Foundations of Sequential Programs (C++|MIPS)
- Data Structures and Data Management (C++)
- Object Oriented Software Development (Bash|C++)

## SKILLS

### LANGUAGES

- C#/C/C++ • Java • Python • HTML5
- CSS • JavaScript • Scheme • Assembly

### TOOLS / FRAMEWORKS

- NumPy • Matplotlib • Pandas
- Git/GitLab • Flask • Bootstrap
- Bash • LaTeX • UML • Unity
- Adobe Photoshop/Illustrator • InVision

## HIGHLIGHTS

- Meticulous eye for detail in design and ability to quickly problem solve as demonstrated through my experience as an Instructional Support Assistant
- Excellent leadership and time management skills gained from my experience leading hackathon projects.
- Strong interpersonal skills and organization abilities as portrayed through my work as a guitar instructor.

## INTERETS

- Avid Guitar Player and Swimmer
- Coding competitions and challenging problem solving
- Game Development

## EXPERIENCE

**CS246 INSTRUCTIONAL SUPPORT ASSISTANT** | University of Waterloo  
September 2018 – Present | Waterloo, ON

**CS246**: Object-Oriented Software Development (Bash|C++)

- Delivered tutorials and addressed inquiries on Object Oriented principles and the Unix environment, developing 100 to 900 line programs in C++
- Developed strong problem solving skills from concurrently debugging 30 to 45 students' programs on the spot effectively during office hours 4 times a week
- Increased course efficiency through the automation and optimization of back-end processes with Python and Bash scripting
- Generated a web application to document back-end procedures and course coordination for future employees using HTML, CSS and JavaScript

**CS116 INSTRUCTIONAL SUPPORT ASSISTANT** | University of Waterloo  
April 2018 – September 2018 | Waterloo, ON

**CS116**: Introduction To Computer Science 2 (Python)

- Facilitated the education of Python programming through hosting office hours and conducting tutorials
- Automated assignment marking by developing scripts in Bash and Python to run on student submissions and managed the team of graduate students in charge of hand marking for coding style
- Operated with a class of 335 to 400 students, tailoring teaching materials to accommodate student interests and hosting office hours and tutorials

**GUITAR INSTRUCTOR** | Country Hills Community Center

March 2014 – Present | Kitchener, ON

- Coordinated classes of six to eight students with varying levels of guitar experience
- Built customer confidence by actively listening to concerns and providing appropriate feedback

## PROJECTS

### QUICK-CODE (NW HACKS)

NODE.JS REACT.JS PYTHON AZURE | Jan 2019

Deployed an online IDE which converts verbally spoken pseudo-code into JavaScript by utilizing Microsoft Azure's Cognitive Services

Winner of Best Voice Biometrics Hack and the Wolfram Award

### THE ARCADE CABINET

C++ | April 2019

A suite of assorted C++ games developed using Object Oriented Programming principles and XWindows Graphics

### DOCTORNOW (UOFTHACKS VI)

PYTHON FIREBASE NODE.JS REACT.JS | Jan 2019

Created a Web video live streaming service that allowed individuals in medically remote areas the ability to connect with a medical professional

### VR GAME SUITE (HACK WESTERN 5)

UNITY C# | Dec 2018

Created a VR game suite with the Leap Motion API allowing users to utilize their hands as controllers within the virtual gaming environment