

# Corey Urbanke

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## Objective

To obtain a Software Engineering Co-Op which will allow me to build upon my problem solving skills and further develop my ability in the Computer Science field.

Available August 2021 – December 2021

## Education

**Rochester Institute of Technology (RIT)**, Rochester, NY

Expected May 2024

*Bachelor of Science, Computer Science*

*Minor in French - Modern Languages*

**Cumulative GPA: 3.85/4**

## Skills

Programming Languages: Python, Java, C, MIPS, JavaScript, CSS

Operating Systems: MS Windows, Linux/Unix, Mac OSX, Ubuntu, VirtualBox

Software & Applications: JetBrains Suite, MS Visual Studio, Office 365, GitHub, Slack, Trello, Discord,

Confluence/Jira/BitBucket

## Projects

*Tool Management Webapp*, Academic Project

- Webapp display of a Tool Management System using Python (PyCharm IDE), ReactJS, and Flask/Restful to connect to a database hosted on RIT CS servers
- Collaborated with team members using Git/GitHub to create a display of tools for a particular user through SQL queries given to the database

*WebCheckers*, Academic Project

- Worked with team project members to create an online game of American Checkers utilizing the Spark Framework with communication through Trello, Slack, and GitHub/Git
- Utilized Java while working with JavaScript, CSS, and FreeMarker for the front-end display
- Applied the Scrum/Sprint methodology, worked to implement game functionality, unit testing, and design documentation while adhering to specific design standards

*Password Manager GUI*, Personal Project

- Developed app in Python using PyCharm IDE to take a list of username and password information and store them in a database through SQL queries
- Programmed front-end GUI using PyQt5, XML and Tkinter to have user-friendly interface

*Concentration Game GUI*, Academic Project

- Worked in a team utilizing Git/GitHub to build a card flipping game utilizing client/server input
- Developed app in Java using IntelliJ Idea IDE and JavaFX GUI functionality
- Integrated backtracking algorithms, file handling, I/O

## Work Experience

**Alion Science and Technology**, Rome, NY

June 2021 – August 2021

*Intern (Co-Op)*

- Worked closely with embedded systems developing software on the NGADN DirecNet team
- Assisted testing and documented diligently at Air Force Research Laboratory - Stockbridge
- Integrated encryption routines using OpenSSL libraries to secure data sent between nodes

**Superior Car Wash**, Marcy, NY

June 2020 – January 2021

*Crew Member*

- Effectively promoted car wash sales, provided excellent customer service,
- Assisted supervisor to train new employees
- Assigned responsibilities completed with minimal supervision
- Identified and resolved various computer issues

**Northeast Cyber Forensics Center**, Utica, NY

July 2018 - August 2018

*Intern*

- Assisted in real investigations and broadened my knowledge of cybersecurity in the Economic Crime and Justice Studies building on the Utica College campus