

Russell Anthony Bustamante

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EDUCATION

Carnegie Mellon University

Bachelor of Science in Computer Science

Pittsburgh, PA

Expected Graduation: May 2026

Relevant Coursework

15-122 Imperative Computation, 15-151 Discrete Mathematics, AP Computer Science A, Computer Science IB HL

EXPERIENCE

Enterprise Software Engineer Intern

Auto Motive Power, Inc

June 2021 – July 2021

Los Angeles, CA

- Developed a program to web scrape news articles, perform sentiment analysis, and analyze relevant data
- Programmed a script to parse product data from supplier APIs and address supply chain issues
- Researched methods to develop an in-house PDF parser for processing digital manuals and data tables

Software Developer, Website & Etsy Manager

Drop Your Jeans Inc.

June 2018 – July 2022

Covina, CA

- Developed a transaction calculator and sales log in Excel & VBA to modernize father's small retail business
- Created a program to automatically parse and prepare quarterly tax documents, expediting the filing process
- Designed the company website and integrated it with eBay and Etsy stores to increase sales and exposure
- Managed the Etsy branch, processed sales and communications, and developed a script to automate product listing

PROJECTS

Discord Bot Applications | *Python, REST API, MongoDB, Git*

January 2021 – Present

- Developed a Bot to emulate a "cookie-clicker tycoon" style game that handles user information in MongoDB
- Implemented a Bot with the Riot Games API to access and analyze user data such as win-rate, most-played characters, most advantageous match-ups, current placements, and other information
- Integrated a Minecraft Bot to store user data, display cross-platform messages, and improve player experience

Minecraft Server Plugin Manager | *Java, Python, Git, FileZilla*

July 2020 – August 2021

- Maintained server security and compatibility with dozens of Java plugins for improved player experience
- Administrated a server of 30+ active players, hosted in-game events, and consistently updated plugins and a dynamic Discord Bot to increase player retention and interaction with the server

LEADERSHIP ACTIVITIES

AAA Competitive Ice Hockey

2012 – Present

- Captain of the AAA Jr. Ducks for 3 years. Responsible for leading team, communicating with coaches and officials
- Selected for Youth Team California 2020, where youth representatives of California competed at a national level
- 3x AAA Hockey Nationals Attendee, 6x State Champion, 6x District Champion
- Currently playing for Carnegie Mellon's recreational club ice hockey team

Marching Band and Concert Ensembles

2018 – Present

- French horn & mellophone section leader for Troy High Marching and Symphonic Bands, 2021-2022
- Loading Crew Bus Captain, 2021-2022. Responsible for communicating with district buses and organizing supplies
- Currently performing in Carnegie Mellon's Marching Band (mellophone) and Tartan Wind Ensemble (French horn)

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, VBA, HTML/CSS

Developer Tools: Git, Pycharm, Visual Studio Code, IntelliJ, MongoDB, Microsoft Excel, Google Cloud Platform

Libraries: Pandas, beautifulsoup, requests

Certifications: CompTIA ITF+ Pre-career Certification