

Michael Warmbier

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Education

City University of New York, College of Staten Island

Bachelor's of Science in Computer Science-Mathematics

Expected May 2024

Relevant Coursework:

Discrete Structures and Algorithms, C++ Programming, Database Fundamentals, Low Level Programming, Data Structures, Software Design, Computer Organization, Image Processing

Skills

Programming: C++/C/C#, HTML/CSS, JavaScript, Python, GML, Java, Assembly, SQL

Technologies: Git/Github, Adobe/Google/Microsoft Suite, Linux, Markdown, Visual Studio, Replit

Other: Writing/Documentation, Info-graphic Design, Project Planning, Research

Projects

SmiteBuildMaker/Smite API Application

August 2021

- Designed user-focused utility accessible via web application receiving ongoing support, paired with developer interface for accessing relevant API information.

Blood-Cell Classification App

May 2023

- Programmed complex algorithm designed to detect and outline a specific class of objects relying on advanced image processing techniques

Documentation of PitSweeper

January 2023

- Partial decompilation and full documentation of an early 2000s era ActionScript/Flash application.

Hack-A-Project Workshops

- Performed various workshops and presentations on programming topics for the CSI Hack-A-Project/CSC Club.

Supporting Experience

College of Staten Island

Technology Assistant

Jan 2023 - Present

- Assisted the Department of Telecommunications through inventory management of telecommunication devices and networking utilities campus-wide.

Laboratory Assistant

May 2022 - Dec 2022

- Identified, analyzed, and professionally resolved technical problems by guiding students and faculty on various software, tools, and applications (Microsoft/Google utilities, campus software, networking applications, ect.)
- Ensured proper care and security of the computer lab under controlled student usage according to approved policies and procedures.

CVS/Pharmacy

Clerk/Cashier

April 2018 - May 2021

- Managed and operated Photo Delivery Department, POS and MoneyGram devices.
- Oversaw on-floor operations of customers, vendors and pharmacy staff both individually and in cooperation with coworkers.

Associations

College of Staten Island Computer Science Club

Mar 2021 - Jan 2022

College of Staten Island Hack-A-Project Club

May 2022 - Present