Thomas James Westfall III

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Education

Hunter College   Expected Graduation May 2021

Major: B.A in Computer Science, Minor Chinese   GPA: 3.68

Relevant Coursework: Introduction to Computer Science (Python), Practical Unix Programming Lab (Bash, UNIX, Perl), Software Design & Analysis (C++), Discrete Mathematics

Stuyvesant High School   September 2013 – June 2017

Relevant Coursework: AP Computer Science

Skills

- Experienced in C++, Python, HTML/CSS, JavaScript, Java
- Fluent in Mandarin, English

Experience

Hunter Chinese Language Flagship – Junior Software Developer

Hunter College, New York City, NY   **[April 2019- Present]**

- Create and modify webpages on the Flagship Program's website designed to teach students Chinese.
- Convert existing Flash modules into HTML/CSS and JavaScript onto the program's website.

Projects

Project LTE: Library Testing Environment   **[December 2017]**

- Worked with a partner to create a web application using Flask that searched for keywords in a set of books from Project Gutenberg and determined genres based off word frequencies.

NYC Open Data Analysis Projects   **[April 2019- May-2019]**

- Used an AVL tree to parse and analyze NYC Open Data's 2015 Street Tree Census Data.
- Implemented a hash table and disjoint set using parent trees to parse and analyze Open NY Initiative's Subway Entrance and Exit Data.