Billy Zhu

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CAREER OBJECTIVE

Dedicated and hardworking college student seeking an enriching internship in the Information Technology field. Has experience in web design and object oriented programming.

EDUCATION

CORNELL UNIVERSITY, ITHACA, NY

Bachelor of Arts in Information Science, May 2019

- GPA: 3.8
- Relevant Coursework: Introduction Computing Using Python (CS 1110), Object-Oriented Programming and Data Structure (CS 2110), Introductory Design and Programming for the Web (INFO/CS 1300), Intermediate Design Programming for Web (INFO/CS 2300), Discrete Structures (CS 2800), Systems Programming (CS 3410), Information Ethics Law and Policy (INFO 1200), Networks (INFO 2040), Introductory Statistics (STSCI 2100)
- Dean's List: Fall 2015, Spring 2016

PROFESSIONAL EXPERIENCE

NYC Human Resources Administration – IREA Systems, New York, NY

Systems Intern, Jun 2017 – Aug 2017

- Assisted directors, project managers, and programmers in the system development life cycle for various applications used for New York City Public Assistance.
- Verified the ALERTS Application by creating a new instance of the BEV environment in the Bronx.
- Verified and documented the FLEETS Application to keep track of city vehicles being used in and out of the field.
- Entered, updated, and created various forms and translations for the Local Law 73 project that ensured communication with clients in 10-12 approved languages.
- Engaged in team meetings and email communication regarding various projects.

Cornell Store TechConnect, Ithaca, NY

Technology Retailer, Feb 2016 – Present

- Sold consumer electronics and accessories in campus bookstore to students, faculty, and visitors.
- Aided in software repairs, technical questions, and computer diagnoses for professors and students.
- Down-stocked inventory, filled out forms, and managed registers.

PROJECTS

Photo Gallery – INFO/CS 2300

- Used PHP, SQL, HTML, and CSS to create a photo database website from scratch that allowed users to modify albums and pictures, along with login and uploading functionality.

Fully Pipelined MIPS Processor – CS 3410

- Built a mini MIPS processor in Logisim that performed a subset of MIPS instruction. Wrote about 1,000 lines of test code in MIPS assembly language to test the circuit.

Temple of Boom – CS 2110

- Wrote algorithms utilizing depth first search, breadth first search, and Dijkstra's for a GUI Java game.

LANGUAGES AND PROGRAMMING TOOLS

- Java, Python, PHP, Javascript, JQuery, HTML5, CSS3, SQL, C
- Komodo Edit, Eclipse, Git, Atom, Sublime