STEVE UCHO

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EDUCATION

New York University   **Graduated July 2021**

Bachelor of Science in Computer Science

Related Coursework

Algorithms (Python), Databases (SQL), Object Oriented Programming (C++), Distributed Systems (Golang)

SKILLS

Python, Javascript, SQL, C++, Java, ReactJS, HTML/CSS, Node.js, Golang

PROJECTS

Distributed Backend and Frontend Servers (Golang)   **September 2020–December 2020**
- Handcrafted resilient distributed servers that supported concurrent users using goroutines
- Applied knowledge of distributed clocks and database transactions to apply user data changes correctly

Ateles, Rock Climbing Robot (Unity, C#, Python)   **January 2020–July 2020**
- Researched and applied inverse and reverse kinematics to implement walking and climbing robot gates
- Received a $500 Prototype Fund Grant from NYU Entrepreneurial Institute

Instagram Clone (Python, MySQL, HTML/CSS)   **September 2019–November2019**
- Implemented backend CRUD database functionality using Flask framework endpoints
- Designed MySQL database through E-R and schema diagrams to reduce data redundancy

Educational App Through SMS (MongoDB, HTML/CSS)   **May 2019–June 2019**
- Developed a SMS based educational app at HackNY for countries whose internet is underserved
- Pulled data from MongoDB server and displayed statistics on an accompanying webpage
- Won "Best Use of MongoDB" and "Best First Hack"

WORK EXPERIENCE

API Developer Intern, MIDASoft   **May 2019–June 2019**
- Applied Liquid and Jinja template design language to create modular and reusable website pages
- Crafted a database schema to synchronize HubSpot CRM and proprietary servers

Software Engineer Intern, Accrete.AI   **July 2018–May 2019**
- Developed a collaborative web application for ML type system development through live text annotation
- Created a representational filesystem in javascript using mongoDB to aggregate JSON and text files

LEADERSHIP

Software Developer, March For Science   **February 2018–May 2021**
- Spearheaded transition from SquareSpace to Github and reimplemented the website using Jekyll
- Handled website record transition from BlueHost to GoDaddy

Tech and Sponsorship Committee Member, HackNYU   **September 2018–May 2019**
- Collaborated and rebuilt the HackNYU website in HTML, JavaScript, and SASS
- Raised roughly $20K a year from companies, such as Google, and Dell, through sponsorship deals.