

# Edward Cheung

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## Education

### New York University

Sept. 2017 - May, 2021

Bachelor's in Computer Science

New York, NY

- **GPA:** 3.673 / 4.0
- **Relevant Coursework:** Introduction to Programming and Problem Solving, Intro to Computer Science (Basics of Web Dev, Cybersecurity, and Data Science), Data Structures and Algorithms, Computer Systems Organization, Operating Systems, Calculus I, Calculus II, Discrete Mathematics, Basic Algorithms, Applied Internet Technology (Full Stack Web Dev)

## Skills

- **Programming:** Java, Python, C, Javascript, HTML5, CSS, MongoDB, Node.js, Basic C#, Terraform Scripting, Ansible Playbooks, Basic PowerShell Scripting
- **Computer Skills:** Git, UNIX Commands, Bamboo, Jira, Fisheye, Docker, SSH/PuTTY, Remote Desktop, VMWare, Slack, Office 365, G Suite, Audacity, OBS
- **Languages:** Conversational Cantonese, Conversational Japanese

## Work Experience

### Smarter Grid Solutions

June 2019 - August 2019

DevOps Engineer Intern

New York, NY

- Developed scripts to fully automate the provisioning and deployment of virtual machine environments
  - Provisioned virtual machines through Terraform scripting
  - Deployed company software and tools through Ansible Playbooks
  - Utilized Atlassian's Bamboo deployment/integration service to run the scripts
  - Developed scripts for both Amazon Web Services and VMWare
- Reduced the time necessary for developers to gain access to personal virtual environments
- Maintained and updated existing virtual infrastructure

### Liberman Networks

November 2016 - June 2017

I.T. Technician Intern

Fort Lee, NJ

- Prepared workstations for clients by updating and verifying software
- Performed virtual data backups for company clients
- Assisted other technicians in on site support tasks such as resolving printer issues, installing new hardware, and performing network maintenance

## Projects

### Chatroom Website

October 2019 - November 2019

- Developed a web application where multiple users can send messages to each other in a real time chat
- Created features where users could create different chats, delete their own messages, and filter for specific messages within a chat
- Utilized real-time engine Socket.IO
- Stored messages and chats with MongoDB
- Front End developed in HTML5, CSS, JavaScript with Handlebars.js templating
- Back End developed in JavaScript with Node.js and the Express framework

### Twitter Bot (@The\_Thebot)

March 2019

- Developed a script that periodically posts Twitter tweets using the Twitter API
- Iterates a list of nouns and modifies each noun to create a humorous tweet
- Written in Python with the Tweepy library