

# Jason Han

jjhan@vassar.edu | 347-687-3687 | linkedin.com/in/jasonjhan

## Education

---

### Vassar College

B.A. in Computer Science and Math

Poughkeepsie, NY

May 2023

## Work Experience

---

### IBM Watson (Data and AI)

Back-End SDE Intern

Boston, MA

May 2022 – Aug 2022

- Created a weather bot using IBM Code Engine to demonstrate the features of Watson Assistant and Watson Natural Language Understanding
- Enhanced the error handling feature in Watson Assistant Actions to output more accurate messages
- Fixed hundreds of the team's end-to-end functional test cases
- Created a tool to log auditing tickets for production access

### Vassar Undergraduate Research Summer Institute

Cognitive Science Researcher

Poughkeepsie, NY

Jun 2021 – Jul 2021

- Validated the hypothesis that gene duplication and differentiation affects modularity and evolvability using artificial neural networks
- Created a simulation program in Python and C++ using ROS 2 and Gazebo which simulates biological phenomenon such as genotype to phenotype mappings, neuron/sensor connectivity and weights, and fitness landscapes
- Ran simulations in parallel using Python in Hopper, a high-performance computing cluster

### Google, Inc.

STEP Intern

NYC (Remote)

May 2020 – Aug 2020

- Completed the entire web development process including writing design docs, implementation, unit testing, and deployment
- Used Google App Engine to deploy a web app that uses React and barba.js for the frontend
- Created a backend using Java Servlets that implements a REST API to be used by the web app, and tested using JUnit and Mockito test suites
- Integrated Google Places API, Maps API, and OAuth API, as well as Google Datastore into the web app

## Campus Activities

---

VC++ Club President

CS Majors Committee Vice President

Teaching Assistant Compilers, Operating Systems

CIS Info Security Intern Work Study

## Technical Skills

---

**Languages:** JavaScript/HTML/CSS, Java, Python, C++, OCaml, Bash, SQL

**Frameworks:** Node.js

**Tools:** Git, Docker, Kubernetes