

Andrew Huang

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Education

Northeastern University

Boston, MA

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Expected: May 2022

- **GPA:** 3.56/4.00 — *Dean's List, University Honors Program.*
- **Related Coursework:** Object Oriented Design, Algorithms and Data, Database Design, Foundations of Data Science.

Experience

Software Development Intern

San Diego, California

UNIVERSITY OF CALIFORNIA, SAN DIEGO

July 2020 - Jan 2021

- Developed user-facing features and debugged for an integrated informatics platform.
- Designed and developed reusable components and pages using Angular.js and TypeScript and created unit tests to test them.
- Write server-side APIs and services using Python (Flask) to perform CRUD functionalities on PostgreSQL and Neo4J databases.
- Redesigned database schemas and created data migrations for PostgreSQL.
- Improve the CI/CD pipeline through methods such as integrating docker images into Google Cloud and utilizing docker image caching, reducing run time by 40%.

Developer

Boston, MA

SCOUT STUDIO AT NORTHEASTERN UNIVERSITY

Jan 2020 - May 2020

- Developed a marketing website showcasing the Helpful platform product using React.js and Gatsby.
- Set up and structured a headless GraphQL CMS using Takeshape.
- Collaborated with designers and met with clients weekly to build design system.

Teaching Assistant - Discrete Structures

Boston, MA

NORTHEASTERN UNIVERSITY (KHOURY COLLEGE OF COMPUTER SCIENCES)

Sept 2019 - Dec 2019

- Assisted students with understanding course material and homework.
- Evaluated and graded student homeworks and exams.

Skills

Languages: Java, Python, SQL, JavaScript, HTML, CSS

Software: Github, Git, Visual Studio Code, Jupyter Notebook, IntelliJ

Projects

Personal Finance Database

Oct 2019 - Dec 2019

TECHNOLOGIES: JAVA, MYSQL

- Developed a GUI application that allowed users to store and edit financial information such as different types of assets and liabilities.
- Designed GUI and database utilizing Java Swing and MySQL utilizing object-oriented programming principles.

Leadership and Activities

Practice Coordinator, Member

Sept 2018 - Present

NORTHEASTERN CLUB TENNIS

- Led team practices and managed administrative tasks such as arranging schedules for 30 members.
- Volunteered at Volley Against Violence, a community outreach program that helps youth learn how to play tennis and develop life skills.