

Daniel Chang

<https://github.com/changdaniel>

Email : danielchang2022@u.northwestern.edu

Mobile : 224-258-4322

EDUCATION

- **Northwestern University** Evanston, IL
Bachelor of Science in Computer Science and Statistics; In-Major GPA: 3.97; High Honors June 2022

SKILLS

- **Languages:** Python, Java, Javascript, SQL (Proficient), C# (Intermediate)
- **Tools:** AWS (EC2, RDS, Amplify, Lambda), DB (MongoDB, SQLite), Linux, Vim, Git, Pipenv, Docker
- **Technologies:** Flask, pandas, scikit-learn (Python), Express, React (JS), HTML, CSS (Web)

EXPERIENCE

- **Amazon** Seattle, WA
Incoming Software Development Engineer Intern Jun 2020 - Sep 2020
- **Mozilla** Mountain View, CA
Spring MVP Lab Developer Apr 2020 - Present
 - Developing micropayments service for pay-per-article business models using Flask and MongoDB.
 - Pitching to Mozilla Spring MVP Lab for \$40,000 total seed funding.
- **Accuity** Evanston, IL
Software Engineering Intern Oct 2019 - Present
 - Creating internal applications using C#.NET in order to automate processes used by the Compliance Data department.
 - Developed applications for file ingestion, data parsing and data visualization using WPF and ADO.NET.
- **Accuity** Chicago, IL
Data Analyst Intern Jun 2019 - Sep 2019
 - Wrote SQL scripts to generate reports from OracleDB and MariaDB databases and integrated scripts as views for future developer use.
 - Discovered data loss issue in IBAN file product, resulting in 80,000 recovered records, or 24% more data making it to production.

LEADERSHIP AND ACTIVITIES

- **NU Competitive Programming Group** Northwestern
Founder, President Jan 2020 - Present
- **The Garage** Northwestern
Co-working Residency Member Dec 2019 - Present
- **EPIC (Entrepreneurship in Action)** Northwestern
Tech Team Director Mar 2019 - Dec 2019

SELECTED PROJECTS

- **NLP Portfolio Management:** Implementation of AQR paper: *Predicting Returns with Text Data (2019)*.
- **Q&A SaaS:** Automated data parsing, model training, API hosting for natural language question answering models.
- **Beacon:** Nvidia and Kairos sponsored facial recognition application to help the blind.
- **Yelp Data Science:** Financial signal research for time-series Yelp data and real estate prices.
- **Catsmarket.nu:** P2P textbook eCommerce web application in collaboration with Northwestern Student Government.

AWARDS

- **2020 Externships:** FORT Investment Management, Belvedere Trading, Quicken Loans
- **2019 ACM ICPC:** Top 1 at Northwestern
- **2019 Google Tech Challenge:** Top 10 in Midwest
- **2018 National Merit Finalist:** 99th percentile in US