

# COREY DUBIN

dubincorey@gmail.com • 201-410-9093 • [github.com/dubincorey](https://github.com/dubincorey) • [dubincorey.github.io](https://dubincorey.github.io)

## EXPERIENCE

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### Caris Life Sciences

New York, NY

Software Engineer

Jan 2023 – Present

- Scale efforts using Python to automate deployment of analysis which transforms data into digestible formats
- Manage and utilize relational databases with SQL to organize data and provide input conditions for analysis
- Contribute to open-source platform for multidimensional cancer genomics data sets to improve usability

### Pinata

Remote

Software Development Engineer in Test (SDET)

Jan 2021 – Dec 2022

- Overhauled Django models for property technology startup to improve non-engineering team accessibility
- Reviewed backend unit tests and pull requests for accuracy in documentation and style guidelines
- Collaborated with product development team to ensure consistent project execution and best practices
- Worked with automation team to develop automated test suites employing Selenium Web Driver
- Analyzed and identified deficiencies via manual testing on mobile environment and admin platform
- Investigated 100+ user interfaces to make improvements and achieve better customer satisfaction

### AliveAndKickn

Remote

Data Engineer Intern

Jul 2020 – Aug 2020

- Utilized Python to analyze over 120,000+ survey responses for Lynch Syndrome cancer advocacy group
- Visualized survey responses with Pandas and Matplotlib to discover inconsistencies in patient screening
- Published original abstract to improve guidelines regarding cancer screenings and genetic testing

## PROJECTS

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### [Home Loan Predictor](#)

May 2022

- Engineered Scikit-Learn algorithms in tandem with GitHub Copilot examining loan eligibility data
- Cleaned, validated, and stored data in Pandas and predicted results via Linear Regression
- Determined 31% decrease in loan eligibility between machine learning algorithm and observed statistics

### [Whole Foods Web Scraper](#)

Mar 2022 – Apr 2022

- Extrapolated sale prices at Whole Foods through BeautifulSoup and Regular Expressions
- Organized data and estimated value of Prime membership using Pandas

### [Fitegy](#)

Oct 2021 – Dec 2021

- Led team of 5 students to develop social fitness platform employing MERN stack
- Coded user registration and authentication to be stored in MongoDB
- Built continuous integration workflow through Travis CI and deployed site to DigitalOcean

## EDUCATION

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### New York University

New York, NY

Bachelor of Arts

Aug 2018 – May 2022

- **Individualized Major:** Computer Science | **Minor:** Web Development and Programming | **GPA:** 3.53/4.00

## SKILLS

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**Languages:** Python, Java, HTML, CSS, JavaScript, SQL (Postgres)

**Frameworks:** Node, React, Django

**Tools/Processes:** Jupyter, Linux, Agile, Docker, Git, Selenium

## PUBLICATIONS

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- "Findings from the HEROIC Registry," *Journal of Clinical Oncology*, October 2020