

# COREY DUBIN

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## EXPERIENCE

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### Pinata

Remote

Software Development Engineer in Test (SDET)

Jan 2021 – Present

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

### Vera Zone

Remote

Software Engineer Intern

May 2020 – Aug 2020

- Designed, developed, and debugged front-end for social connections startup with 100+ users
- Constructed 20+ web pages and React components to be assembled in initial product launch
- Ensured proper responsive design of site using CSS framework Bulma

### AliveAndKickn

New York, NY

Data Engineer Intern

May 2020 – Jul 2020

- Utilized Python to analyze over 120,000+ survey responses for Lynch Syndrome 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

- **Concentration:** 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:** Linux, Agile, Scrum, Docker, Git, Selenium

## PUBLICATIONS

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