COREY DUBIN

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EXPERIENCE

Piñata   **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 – Oct 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

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

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

Languages: Python, Java, HTML, CSS, JavaScript, SQL (Postgres)
Frameworks: Node, React, Django
Tools: Linux, Docker, Git, Selenium

PUBLICATIONS

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