Benjamin Majkut

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EDUCATION

University of Connecticut — Storrs, CT
Bachelor of Science in Computer Science, 3.53 GPA — *Aug. 2022 – Present*

EXPERIENCE

Teaching Assistant — June. 2024 – July 2024
University of Connecticut, Prof. Kaleel Mahmood — *Storrs, CT*
- Collaborated with a university professor to develop and validate Python code for lab solutions in courses covering machine learning and algorithms.
- Debugged and resolved logic errors, improving code quality and readability.
- Gave feedback for enhancing skeleton code quality, as well as valuable feedback as to which exercises would be most instructive for students.

Big Y Foods, Inc. — Aug. 2020 – Present
Big Y World Class Market — *Mansfield Center, CT*
- Served as a dedicated cashier and service clerk for four years, demonstrating high responsibility by consistently showing up on time, completing shifts, and often taking on additional shifts for coworkers.
- Performed tasks across various departments as needed, gaining a reputation for competence and a positive, non-complaining attitude.

PROJECTS

Focal: Deployed <u>iOS</u> and <u>Android</u> App | *Flutter, Dart, NoSQL* — Jan 2024 – March 2024
- Using Flutter, Dart, and UI/UX design principles, built a full stack mobile application to fulfill market need of a high quality meditation timer.
- Leveraged Hive NoSQL database to integrate user analytics, such as streaks, total minutes meditated, session counts, and a heatmap calendar, fostering user retention.
- Gained over 100 downloads on Apple App Store across 34 countries within first two weeks of release, achieving international impact.
- Successfully managed code signing and passed reviews for production release on both the Apple App Store and Google Play Store, complying with all security guidelines and quality requirements.
- Interacted with real world users by responding to emails and reviews, enhancing community support.
- Independently conducted all phases of app development from conceptualization and design to testing and deployment, demonstrating proficiency in full lifecycle app development.

Paper Paradise: <u>Local website</u> | *Bootstrap, HTML/CSS, Python, Django, SQL* — April 2024 – June 2024
- Developed a real-time stock trading simulation website with HTML/CSS and Bootstrap on the frontend and Django on the backend.
- Used Yahoo Finance API to generate current and historical market data, providing an authentic and educational investing experience.
- Built a complex finance aggregation model with SQL and Django ORM to store and update all investment transactions.
- Implemented a secure user authentication system leveraging Django's built-in capabilities, ensuring data privacy and user-specific transaction management.

Statistical Model Simulation: <u>Tool</u> | *Python* — March 2023
- Using Python, built a desktop GUI application modeling the envelope matching problem for a statistics class.
- Achieved 99.9% accuracy with model, resulting in an A+ grade on the project.

TECHNICAL SKILLS

Languages and Frameworks: Python, Bootstrap, Bash, Dart, JavaScript, SQL, HTML/CSS, Flutter, Django
Skills: Mobile development, Web development, UI/UX Design, Automation, Databases, Material-UI, Figma design, Command line, APIs, Linux

PERSONAL HOBBIES

Chess, Weight lifting, Running, Tennis, Reading, Meditation, Watches, Economics