

Blake Aram Babikian

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EDUCATION

Bentley University

Bachelor of Science, Computer Information Systems
Minor in Business Economics

Waltham, MA

September 2020 – Expected (*May 2024*)

- Major GPA: 3.54 – Overall GPA: 3.18 – Honors: President's list & Dean's list

PROFESSIONAL EXPERIENCE

Wolters Kluwer

Industry Engagement Intern

Waltham, MA

September 2023 – Present

- Selected from a competitive pool of 30 candidates for a Bentley CIS sandbox internship opportunity, responsible for designing a disaster recovery process, proudly representing the Bentley University's CS department.
- Developed a Python script facilitating SSH and web interactions, which automated the disaster recovery process, drastically reducing manual intervention and halving server downtime.
- Implemented a Docker-based solution for the disaster recovery script, ensuring its reliability independent of hardware, thereby eliminating dependence on a single physical workspace for critical operations.
- Created comprehensive documentation for the disaster recovery process, detailing file structures, operational procedures, and setup steps, culminating in a successful implementation in the production environment.

Bentley University

Tutor and Technology Intern and Advocate

Waltham, MA

September 2022 – Present

- Mentored 20+ students weekly in computer science principles and coding practices, guiding them through complex coursework and software problems, and solidifying my status as a dependable technology mentor.
- Championed computer science education at university events, engaging new and prospective students with compelling insights into course offerings and the lab responsibilities, increasing technological interests on campus.
- Developed and executed marketing strategies, including creating engaging signage and promotional materials, and regularly updating the lab's WordPress site, which significantly increased participation in lab run events.

New Age Electrical Services

Electrical Apprentice

Acton, MA

June 2020 – January 2024

- Contributed to over 50 diverse HVAC control projects ranging up to 150,000 square feet, adapted to frequently incomplete schematics with resourcefulness, drawing on previous experience to deliver functional solutions.
- Directed a team on a pivotal summer HVAC project, managing tasks and progress with a focus on collaboration, which led to a repeat engagement request from the primary contractor.

RELEVANT PROJECTS

Tech Support (University) – blakebabikian.com/tech_support/

- Leveraged PHP and an SQL database to build a web app, incorporating version control systems to efficiently facilitate seamless collaboration and development, throughout the group project.

Hash Wallet (Personal) – hashwallet.digital/

- Developed a Python Flask trading application, integrating PostgreSQL for secure transaction and balance storage, leveraging a blockchain-inspired hashing chain for enhanced transaction tracking and security.

TECHNICAL SKILLS:

- **Programming Languages:** Python, Java, JavaScript, HTML, CSS, PHP, SQL, Bash
- **Libraries, Frameworks and Tools:** Flask, Selenium, Paramiko, SQLAlchemy, PostgreSQL, Docker, Linux