

Blake Aram Babikian

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EDUCATION:

Bentley University

Candidate for Bachelor of Science, Computer Information Systems
Minor in Business Economics

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

Waltham, MA

May 2024

Bond University

- Study Abroad Program

Gold Coast, AUS

Spring 2023

PROFESSIONAL EXPERIENCE:

Wolters Kluwer

Industry Engagement Intern

- Represented the Bentley Computer Science Department, selected from 30 candidates for a tech internship.
- Collaborated effectively within a dynamic team in an Agile environment to address a critical business challenge, leading to the successful development and deployment of an innovative automation software solution that optimized operational efficiency and delivered tangible results.

Waltham, MA

September 2023 – Present

Bentley University CIS Sandbox

Tutor and Technology Intern and Advocate

- Mentored approximately 20 undergraduate and graduate students weekly, providing comprehensive support for computer science coursework and other software challenges; earned recognition as a go-to technology resource.

Waltham, MA

September 2022 – Present

New Age Electrical Services

Electrical Apprentice

- Elevated project performance standards, ensuring efficiency and high-quality efficient outcomes, demonstrating exceptional collaboration, communication skills, reliability, and problem-solving capabilities.

Acton, MA

June 2020 – January 2024

RELEVANT PROJECTS:

WK-Sync (Internship) – (Python, Selenium, Paramiko, Linux Shell, Docker, JSON)

- Developed and deployed a Python script within a Docker container to automate data synchronization between two data centers, improving efficiency and reducing manual intervention.
- Utilized Paramiko for SSH connectivity to execute shell scripts for server shutdowns, startups and to initiate rsync functions, coupled with Selenium for automating web navigation and task execution on Jira for reindexing functions.
- Engineered the script to output data in JSON format, demonstrating the ability to independently design and implement complex automation solutions with significant operational impact.

Tech Support (University) – (PHP, SQL, HTML, CSS, JavaScript) – https://www.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) – (Python, Flask, SQLAlchemy, PostgreSQL, Heroku) – <https://www.hashwallet.digital>

- Developed a trading application utilizing a blockchain-inspired hashing chain to meticulously track transactions.

TECHNICAL SKILLS:

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