

# Benjamin Hamilton

## Software Engineer

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### Skills

**Programming:** JavaScript, Java, Python, SQL, C, C++      **App Dev:** React, React Native, HTML, CSS, Node.js  
**Frameworks:** Pandas, jQuery, Django, Express, TensorFlow      **Software:** Github, Git, Azure, Atom, DataGrip

### Career Objective

**Driven Software Engineer with entrepreneurial experience and strong communication skills seeking to apply self-starter abilities in a professional environment. Aims to contribute technical expertise while gaining comprehensive insight into industry-standard development processes and practices.**

### Education

**B.S. - Information and Computer Sciences** (Sep 2018 - May 2022)  
University of Massachusetts Amherst - Amherst, MA

### Work Experience

**SPI Pharma** Wilmington, DE  
**Software Intern** (Aug 2023 - Oct 2023)

- Streamlined and optimized database performance by modifying and optimizing existing SQL procedures, triggers, tables, and queries
- Consolidated scattered production data from various sources into a centralized Production Data Warehouse, enabling more efficient data comparison and analysis.
- Utilized Tableau to create interactive data visualizations, dashboards, and worksheets, enhancing data representation and accessibility for our clients and the company.
- Successfully resolved a variety of IT Helpdesk tickets submitted by coworkers and clients

**Tatum Robotics** Boston, MA  
**Full Stack Consultant** (Jan 2023 - May 2023)

- Developed a custom website using React and Gatsby based on a design package given to me by the client to upgrade and replace the website that was already in use.
- Integrated Contentful CMS to manage and store website data
- Used Third-Party Email API to connect users to the company's Monthly Newsletter and allow users to contact the company directly

**BetSmart - Sports Bet Tracking Mobile App** Hudson, MA  
**Independent App Developer** (Jan 2024 - Present)

- Designing a third-party Sports Bet Tracking App that helps give users insights based on their betting patterns using React Native, SQLite, FireBase, JavaScript, and Python
- App uses different Sports and Betting APIs to grab real-time data regarding games taking place and the different markets and props associated with those games
- Implemented SQLite Database to track user-specific data and cloud-based DB FireBase to track Games and Market Values, using complex queries to find patterns and insights in user betting data
- Designed and developed the app's front end using a comprehensive Design Document created at project initiation, incorporating online UI/UX inspiration to refine and enhance the user interface

### Github Commit Tree

