

Eric Detjen

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Education

University of Maryland, College Park, MD
Bachelor of Science: Computer Science

Expected May 2024

Technologies/Programming Languages

- Experience with C, C++, Java, Python, JavaScript, React.JS, Bootstrap, Html, CSS, SQL, Swift, Swift UI, IOS development, Agile development, Scrum, Google Cloud, AWS, Git, Unix, GraphQL APIs, and RESTful APIs.

Experience

DBA Sports Group, New York, New York

Lead Developer, Founder

May 2022 to Current

- Overseeing the ideation, design, development, and QA of a multi-featured web application for our 3,400+ paid subscribers and 100,000+ monthly users. (Live at devinsbookie.com)
- Leading a scrum team of 5 to develop the platform in 2-week sprints. Personally wrote and tested a major portion of the code while overseeing all work and quality assurance.
- Application includes 6 proprietary analytics calculators, betting odds comparison tools, and a full CMS/admin portal for articles and podcasts. Tech stack: Bootstrap HTML, CSS, JS for front-end, & Node.JS/AWS for backend.
- Managing the website's SEO, advertising, and SMM leading to a 30% growth to 150,000+ followers.

Open Exchange, Inc, Boston, MA

Senior Software Integrations Developer

May 2021 to May 2022

- Reduced delivery costs by 90% through automating customer order and delivery processes via RESTful APIs.
- Led the purchase of a \$400,000 software platform after pitching a proposal to company executives. I then led the integration and management of this platform for 1500+ internal users.
- Hired and managed a team to help handle the administration of growing workflows and responsibilities.

Software Engineering Intern

May 2020 to May 2022

- Reduced runtime by 30% by overhauling testing infrastructure and implementing Selenium browser automation.
- Improved test coverage by 15% by creating quality assurance smoke tests using Java, and Selenide CSS locators.
- Eliminated the need for 100+ unnecessary functions by eliminating redundancy and refactoring the codebase.

Fast Markets RISI, Boston, MA

Data Research Intern

May 2019 to August 2019

- Reduced client outreach time by 20% by developing a Python script to pull data from Salesforce and D&B Hoovers using a BeautifulSoup web scraper and the Google Sheets RESTful API.

Projects and Research

Betting Line Optimizer (Live at devinsbookie.com/line-calculator)

August 2022 to October 2023

- Developed a sports betting tool allowing users to take advantage of more beneficial bets not publicly offered.
- Reduces the casino's advantage by up to 10% by combining multiple bets to create a more optimal line.
- Optimized algorithm and UI based on polling feedback from the tool's 10,000+ users.

Google Calendar Monday.com Extension(Read more [here](#))

September 2020 to January 2021

- Developed a full stack application allowing users to seamlessly integrate their existing monday.com boards with Google calendar, enabling managers to easily view employees' schedules and book meetings.
- Hired then managed a team of three overseas developers to expedite the process.
- Implemented a Scrum framework for my team to efficiently distribute work and keep to our deadline.
- Presented a finished product to company executives and closed a deal licensing our software.

Social Media Timeline

January 2020 to April 2020

- Collaborated with a team to build an iOS app using Swift, SwiftUI, and Google Firebase that enables users to connect, receive reminders and provide data/feedback to an administrator through an admin portal.
- Developed a timeline feature that enables users to post, view others' posts, and react with likes and comments in real time.

Atmospheric Trends Research

October 2018 to May 2019

- Researched correlations between satellites' data and ground observations to find a more accurate method of determining precipitation levels.
- Web scraped 5000+ NASA records and student data dynamically using BeautifulSoup and Selenium.