



MICHAEL J. BOCELLI

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EXPERIENCE

Software Engineer I (.NET, Android, React, SQL Server)

June 2024 – Curr.

Cenero, a RICOH Company

Malvern, PA

- Fulfilling shareholders' requests via completion of both front-end and back-end tickets
- Lead full-stack developer for the customer-facing *CeneroGo* Android mobile app and API
- *AVBlueprint* web app maintainer, expediting the sales process and addressing end-user needs

Lead Software Engineer (.NET, AWS, Nginx, PostgreSQL, React Native)

July 2024 – Curr.

Heard, Chef!

Remote

- Designing and implementing a full-stack mobile application for consumer recipe matching
- Configuring CI/CD pipeline between GitHub, AWS, and Nginx to streamline API and back-end development

Teaching Assistant: Introduction to Software Engineering (React)

Aug. 2023 – May 2024

University of Delaware CISC Department

Newark, DE

- Assisted in the teaching of agile software development practices in addition to React front-end development
- Conducted lab sessions to teach fundamental software development skills

PROJECTS

Portfolio Site (Next.js)

June 2023 – Curr.

Portfolio site utilizing the React library and GitHub API

- Leveraging Next.js static site generation to optimize client load times and SEO results
- Writing re-usable HTML components with React to create a responsive site layout
- Interfacing with the GitHub API to display my open-source repositories in an accessible manner

HoloFlash (Flask, Google Cloud, MongoDB Atlas, React, Unity)

March 2024

Full-stack application using machine learning models to turn lecture notes and recordings into flashcards

- Implemented a Flask backend to interface with models on a Google Cloud Debian virtual machine instance
- Won the HenHacks 2024 hackathon Major League Hacking "Best Use of AI in Education" category

Matey (Express.js, Firebase, Next.js, Node.js)

Sept. 2023 – Dec. 2023

A full-stack, easy-to-use, web app for managing shared household tasks with roommates

- Designed and wrote a RESTful API by coding 20 endpoints to allow client to interface with Node.js server
- Implemented server-side authentication via Express.js middleware and Firebase JWT token verification

EDUCATION

University of Delaware, College of Engineering

Newark, DE

Bachelor of Science in Computer Science (GPA 3.98, Dean's List: Fall 2020 – Spring 2024)

May 2024

- Founder and president of the Game Development club with over 200 members
- Outstanding Junior Award 2023 recipient in the department of computer and information sciences
- Dr. Marion Wiley Memorial Award 2023 recipient for excellency in the study of German as a non-major

Universität Leipzig, Study Abroad

Leipzig, Germany

interDaF e.V. am Herder-Institut der Universität Leipzig

Jan 2023

SKILLS

Tools: React, .NET 8.0, Node.js, Git, Flask, AWS, Nginx, Bash, Unity, Blender, Firebase, MongoDB

Languages: JavaScript/TypeScript, Java/Kotlin, SQL, C#, C++, C, Python, HTML, CSS

Communication: B2 Upper-intermediate German, Customer Service, Shareholder Interfacing