Connor Oiler

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EDUCATION

Johns Hopkins University | Bachelor of Science in Computer Engineering Baltimore Maryland
Minors in Computer Science and Entrepreneurship and Management Expected May 2026
- **GPA:** 3.49/4.0
- **Honors:** 3x Johns Hopkins Academic Deans List, 3x USTFCCCA All-Academic Athlete
- **Relevant Coursework:** Full-Stack Javascript, Databases, Information Retrieval and Web Agents, Data Structures, Artificial Intelligence, Computer System Fundamentals, Gateway Python

RELEVANT EXPERIENCE

Product Management Intern: Garmin Clipboard App Olathe, Kansas
Garmin Ltd May 2025 - August 2025
- Undertook 5 new features for the Clipboard Web App to enhance user experience for over 60% of our coaches. Utilized React, Electron, Figma, and Garmin Health and Activity APIs.
- Identified a potential $4 million new market opportunity for Garmin Golf Coaching. Conducted user interviews and surveys with over 30 coaches, validated product-market fit, and designed an interactive Figma prototype to visualize golf workflows and new features.
- Grew Garmin Clipboard by 8,500 athletes, resulting in more than $40,000 in Garmin Device sales. Showcasing Clipboard's value to coaches and relayed feedback to design, engineering, and product teams to improve the app.

Mobile App Developer: Flutter Baltimore, Maryland
CogniPlay March - Present
- Improved memory and cognitive skills for children with Down syndrome through an engaging cross platform mobile game using the Flutter Flame Game engine.
- Enhanced accessibility and player engagement through a user-friendly game flow, complete with a dynamic home screen and features like level progression, text-to-voice, and object disappearance.
- Developing cross-device login and cloud saving using Firebase, enabling support for growth tracking among children and allowing parents to monitor their child's cognitive progress.

Mobile App Developer: React Native Baltimore, Maryland
Visilant February 2024 - September 2025
- Improved healthcare accessibility and access to high quality eye treatment for over 1,000 individuals in rural India through a React Native telemedicine app.
- Increased user efficiency by over 50% by designing an initiative navigational flow and managing screen transitions and routing logic with stack navigators, state variables, and effect hooks.
- Drove app scalability by designing and developing a modular, dynamic questionnaire system using JSON for patient symptom input, built intuitive UI components, and implemented patient search functionality to filter by relevant criteria.

Front-End Developer: Personal Photography Website Arlington Heights, Illinois
Connors Aerials June 2024 - May 2025
- Built a responsive multi-page photography portfolio website leveraging HTML and advanced CSS techniques, including Flexbox, Grid, and media queries, ensuring seamless functionality and an elegant design across all device types.
- Developed a Python based image search engine utilizing TF-IDF and Cosine Similarity to allow users to search for images based off natural language queries to enhance accuracy.

EXTRACURRICULAR ACTIVITIES

Johns Hopkins NCAA DIII XC and Track Team
Team Captain 2024 - Present
- **Honors:** 1xAll American, 4xNCAA National Qualifier, 5xNCAA All Regional, 6xAll Conference, 2xSchool Record Holder.
- Lead XC team to 3rd straight Conference Title scoring the second lowest points in conference history.
- Established team trust and dedication during a coach change. Worked with teammates to address concerns and further establish a new culture of success.

TECHNICAL SKILLS

- **Technical:** Python, JavaScript, Dart, Java, C++, React, React Native, Flutter, Node.js, HTML/CSS, Firebase, Electron, Figma, Material UI, TF-IDF, Cosine Similarity, Flame Engine Experience with Android/Web Development, Cross-Platform Apps, Image Search & IR Systems, UX/UI Design, Cloud Integration, Agile Teams, Git/Github, Microsoft Office Suite