Kaeden Bryer

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CAREER FOCUS: Software Engineering

Sophomore in computer science at Oakland University seeking an internship to apply skills in software engineering. Most proficient in JavaScript/TypeScript, C# and Python, with strong leadership, organization and communication skills.

Education:

Bachelor of Science, Computer Science   Expected May 2027
Oakland University, Rochester, MI   GPA: 3.93

Projects:

Reflective Assistant
- Created a smart mirror using a Raspberry Pi and salvaged laptop monitor. Controlled with a real time voice assistant created using Cartesia, Deepgram, Silero and OpenAI with under 500ms latency. Used APIs to deliver real time data to the user and control smart home products.

Valentine's Surprise Gift
- Created a Valentine's Surprise website for my girlfriend complete with all of our favorite memories. Created with React.js, Next.js, Tailwind CSS and MySQL. Launched with Vercel.

Endless Typing
- First proposed as an accountability app for my Honors College 1000 class. Won the Big Ideas Oakland (BIO) Award, then created and presented it to notable OU investors, faculty and alumni at Meadowbrook Hall.

Work Experience:

Software Development Intern   May 2025 – August 2025
Tyler Technologies, Troy, MI
- Prototyped a Centralized Receipting Service for Tyler's microservices expected to handle 300,000 receipts /year, or 10 receipts/second. Receipting Service created with C# ASP .NET Core, and Example Integration created with Angular.ts. Receipts are generated using QuestPDF, and stored in Amazon S3 storage.
- Proficient in SCRUM methodologies: participated in and facilitated daily standups, weekly sprint planning, reviews and retrospectives.

Teaching Assistant   August 2024 - December 2024
Oakland University Honors College, Rochester, MI
- Taught 16 Honors College 1000 students, helping 5 earn the Big Ideas Oakland award.

Stage Performer   August 2022 - October 2024
Delirio Del Arte, Holly, MI
- Wrote and performed a 45-minute comedy/juggling stage show with 3 other performers.

Technical Skills:

Programming Languages: JavaScript/TypeScript, C#, Python, Java, SQL
Frameworks: Angular.js, ASP.NET Core, React.js, Express.js, Node.js, Tailwind CSS, MySQL, HTML/CSS
Software Applications: VS Code, GitHub, Postman, Docker, Microsoft Word, PowerPoint, OneNote, Excel

Activities & Achievements:

- Men's Volleyball - President, 2024 Club Sport Athlete of the Year
- GrizzHacks – Vice President, Sponsorship Lead. Raised over $18,000 from 9 companies for over 170 hackers
- 2024 Big Ideas Oakland Scholarship Finalist
- Oakland University Platinum Presidential Scholar
- 2025 Oakland Honors College Moceri Scholarship