

Jonathan Chaffer

jonathanchaffer.com • jonathanchaffer@gmail.com • 616.304.9369 • github.com/jonathanchaffer

Full-stack software developer with 5+ years of professional experience. Proven track record in leading cross-functional teams to deliver scalable solutions.

Work Experience

Software Consultant & Developer • *Atomic Object*

May 2021 – Present

- Led the development of a custom factory management application, integrating disjoint business processes into a single, intuitive application, and improving operational efficiency.
- Collaborated on a consumer-facing agentic AI product, utilizing LangChain and LangGraph; architected a solution that scales smoothly during high-traffic periods.
- Supported product owners in designing features and technical experiments.
- Co-led the modernization of a legacy software system, improving user experience while preserving functionality requirements.
- Drove architectural decisions and managed project backlogs on a variety of team structures, from solo engagements to multi-team collaborations.

Front-End Development Intern • *CQL*

Jun 2020 – Aug 2020

- Implemented the front-end for an internal HR application using React and TypeScript.

iOS Developer • *Hope College Computer Science & Biology Departments*

May 2019 – Jul 2019

- Developed TreeSap, an iOS application for identifying trees via GPS, using Swift and Firebase.

Teaching Assistant • *Hope College Computer Science Department*

Aug 2018 – May 2021

- Mentored students in a variety of computer science courses, facilitating nightly help sessions to provide one-on-one support.

Lead Graphic Designer • *Hope College Student Activities Committee*

Sep 2018 – May 2021

- Designed marketing materials for print & web.
- Created a marketing & brand guide to establish consistent voice and design patterns.

Education & Honors

Hope College • *B.S. in Computer Science* • *Minors in Graphic Design & Communication*

Aug 2017 – May 2021 • Cumulative GPA of 3.97

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| • Dean's List | • Computer Science Department |
| • Russell J. Kraay Award in Computer Science | Leadership Award |
| • Boundy Award in Computer Science | • Phi Beta Kappa Academic Society |

Skills

Expert in TypeScript, React, and Node.js, with proficiency in Docker, SQL, C#, Python, LangChain, prompt engineering, cloud platforms (Azure, Heroku, etc.), and more.