

Lydia Cupery

Senior Full-Stack Software Developer

EXPERIENCE

Atomic Object, Grand Rapids, MI — *Software Developer*

JULY 2017 - PRESENT

Worked on a wide variety of projects, including

Customer Billing System

- Leveraged PSQL to import all legacy data from a FoxPro System
- Used Next.js framework to build out a new customer tracking and billing system
- Led product launch for nation-wide janitorial franchise

Mobile Game Development

- Created and contributed to a high-fidelity React component library used on multiple platforms

Online Apparel Sales

- Technical lead on a support project for an online apparel sales company
- Built out functionality for student athletes to create their own store fronts
- Added end to end test coverage of existing software and setup CI/CD using Google Cloud, noticeably reducing production bugs

Pricing Management System

- Technical lead for a team of eight developers
- Defined technical feature work, provided in-depth code reviews, and mentored junior developer
- Developed price editing experience using React, GraphQL, Node.js on AWS Lambda, AWS RDS, with infrastructure as code with Terraform, leveraging TypeScript through full stack
- Optimized operations improving user experience using custom SQL with CTEs and targeted caching

Substitute Teacher Placement

- Built a system to notify substitute teachers of job openings and allow them to claim jobs, using Node.js, React, GraphQL, Heroku, and Redis

CQL, Grand Rapids, MI — *Software Developer Intern*

AUGUST 2016 - MAY 2017

Goldman Sachs, Jersey City, NJ — *Summer Operations Analyst*

MAY 2016 - AUGUST 2016

National Science Foundations, Houston, Texas — *Researcher*

MAY 2015 - AUGUST 2015

EDUCATION

Calvin College, Grand Rapids, MI — *Computer Science BS*

AUGUST 2013 - MAY 2017

Finance Minor, May 2017; All Semester Dean's List; GPA 3.9

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CONFERENCE TALKS

Representing and Accessing Data That Changes Over Time

Tech Bash 2022

Code PaLOUsa 2021

How to Render Twenty Thousand Rows without Crashing Chrome

Central Wisconsin IT

Conference 2020

Code PaLOUsa 2020

Let's Sort Out Sorting: How to Think About Sorting Like a Computer

Beer City Code 2019

ACTIVITIES

AWS Certified Cloud

Practitioner (2019)

Computer Science Lab Monitor

(2015-2017)

Co-Founder and Chair of Calvin

College ACM-W Chapter

supporting Women in

Technology (2016 - 2017)

AWARDS

Multiple scholarships including

Grace Hopper Celebration of

Women in Computing Scholar,

Patricia S. Duthler Scholarship

awarded to strong computer

science major, Calvin & Susan

Hulst Scholarship for

entrepreneurship, US

Department of State Gilman

Scholarship, National Merit