

# Lydia Cupery

Senior Full-Stack Software Developer

## EXPERIENCE

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

JULY 2017 - PRESENT

Worked on wide variety of projects, including

#### Rewrite of 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 across multiple systems

#### 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*

MONTH 20XX - MONTH 20XX

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