Jake Shay

Software Engineer

Motivated, adaptable recent college graduate with a diverse academic background in computer science. Comfortable in a fast-paced, deadline driven environment. Consistently excelled as a team member in various settings and as a team leader.

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jakeshay.github.io

github.com/jakeshay?tab=repositories

EDUCATION

Computer Science BA
University of Colorado at Boulder

Graduated 2022

Minors:
- Business, Philosophy

WORK EXPERIENCE

Golf Shop Assistant
Metropolitan Golf Links

02/2022 - 09/2022   *Oakland, CA*

Achievements/Tasks
- Promote and sell golf shop merchandise
- Check players in and manage tee sheet
- Coordinate player assistants and outside staff to provide optimal playing experience

Internship - IT Technician
USA Hockey

08/2020 - 12/2020   *Remote*

Achievements/Tasks
- Provide help desk support and resolve problems to the end user's satisfaction
- Monitor help desk for tickets assigned to the queue and process
- Assist in diagnosing and fixing major problems as they arise
- Build user journeys for various online systems to aid in replacement process

Intern Techops Engineer
VMware

06/2017 - 08/2017   *Palo Alto, CA*

Achievements/Tasks
- Rack, cable, configure, and allocate servers/network/storage hardware for developer testing
- Monitor, document, report, and plan for proper operation of server and storage equipment including adequate power, rack space, and cooling requirements
- Troubleshoot urgent technical problems and provide on site solutions

SKILLS

Java Python C C++ JavaScript

SQL (MySQL, PostgreSQL, MariaDB) Scala NodeJS

Git HTML/CSS Object Oriented Design

Agile/Waterfall Methodologies

SOFTWARE DEVELOPMENT PROJECTS

Object Oriented Chess
- Team member for a semester long class project along side two other students for an object oriented chess game. I was primarily responsible for the move engine which included: chess piece movements, eliminations, and special moves such as castling. The game employed several object oriented design techniques including: strategy pattern, observer pattern, and the MVC pattern.

iWash
- Team leader of a group of eight students working on a web app for a class project. My main contribution was the NodeJS integration layer as well as managing individual responsibilities and monitoring group progress. I also assisted in designing the database and writing front-end code for the app's design.

AWARDS/ACCOMPLISHMENTS

1st Place in Business Venture Competition
Team Leader

2nd Place in Software Dev. and Methods group project competition
Team Member

Highest chapter term GPA in chapter history as academic chair for the Delta Kappa Epsilon (DKE) fraternity

Raised over $2000 for a local charity as philanthropy chair for DKE

INTERESTS

Reading Golf Hiking Philosophy Skiing

Sports Travel