# Jake Shay

## Computer Science Graduate

Motivated, adaptable recent 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 often as a team leader.

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⌨ github.com/jakeshay?tab=repositories

## EDUCATION

### Computer Science BA
### University of Colorado at Boulder

*Graduated 05/21*

*Minors:*
- Business and Philosophy

## WORK 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

### Outside Staff
### Lake Valley Golf Club

*08/2019 - 05/2020*                               *Niwot, CO*

*Achievements/Tasks*
- Fulfill outside duties for private golf club
- Responsible for practice facility management and cleaning programs
- Maintain golf club assets including carts and equipment, and ad hoc service and support
- Provide excellent service to members

### 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

OOD/OOA  NodeJS  Git  HTML/CSS

Agile/Waterfall Methodologies

## SOFTWARE DEVELOPMENT PROJECTS

Object Oriented Chess
- Team member for a semester long class project along side two other students on 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 on a web app for a class project. My main contribution was the NodeJS integration layer. 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