

# DEVIN KERN

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## SUMMARY

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Motivated Computer Science graduate with hands-on experience supporting applications and a strong foundation in software development. Strong communication, writing, and critical thinking skills, with experience communicating to audiences of varying technical backgrounds. Self-starter who works effectively both independently and in teams. Lots of experience debugging, testing programs. Willing to relocate.

## TECHNICAL SKILLS

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**Languages:** Java, JavaScript/TypeScript, Python, BASH, SQL, JSON, HTML, XML, CSS, and C/C++

**Software & Tools:** Git, CMake, PostgreSQL, MongoDB, Docker, Node.js

**Libraries & Frameworks:** Spring Framework (Including Spring MVC and Spring Boot), React

**Technologies:** Maven, Git, CMake, PostgreSQL, Docker, Node.js

**Other Skills:** Linux familiarity, SDLC and REST APIs, HTTP familiarity. Experience with various Microsoft Applications such as the O365 suite

## PROFESSIONAL EXPERIENCE

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### Neighborhood Nerds - Remote Help Nerd

November 2024 - Present

**Supervisor:** Leonard Knight ([leonard.r.knight@leonardknight.com](mailto:leonard.r.knight@leonardknight.com))

#### Duties:

- Delivered clear explanations of software functionality for users with varying technical backgrounds.
- Served as first point of contact for clients, to schedule and resolve issues with appropriate support group.
- Documented and recorded incident details and initial troubleshooting steps for successful resolution.
- Successfully troubleshooted client software issues.
- Worked with hardware tools related to monitoring and supervision of laptop resources.

## EDUCATION

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### B.S. in Computer Science

December 2023

San Francisco State University, GPA: 3.47

*San Francisco, CA*

Awards: Dean's List, 3 semesters

### Associate in Science for Transfer in Computer Science

May 2021

Butte College, GPA: 3.35

*Oroville, CA*

Location: Oroville, CA

## GROUP PROJECTS

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### File System Implementation (C)

Designed and implemented a simple file system using custom data structures for directory management and file allocation. Gained experience with memory management, disk I/O, and low-level system programming.

### Web Application following Agile Development Cycle

Created a web application during a semester following Agile SDLC. Required us to perform unit and application analysis, testing, and troubleshooting

### HTTP Web Server (Java)

Built an HTTP server using sockets to handle GET/POST requests and serve static files. Demonstrated understanding of networking, concurrency, and request handling.

### Online Card Game (JavaScript, Node.js)

Developed a real-time multiplayer Texas Hold'em clone using WebSockets for live communication. Implemented server-side game logic and state synchronization. Game state stored in PostgreSQL.

### GarageBand-Inspired Web App (JavaScript, Web Audio API)

Created an interactive browser-based instrument player with dynamic sound generation and UI controls. Also required the use of an SQL db.