Kai Goerg

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EDUCATION

Northeastern University Khoury College of Computer Sciences, Boston, MA   May 2023
Candidate for a Bachelor of Science in Computer Science with a Concentration in HCI   GPA: 3.50
Awards and Activities: Dean's List | Powerlifting Club | Computer Science Mentoring Organization
                               Alpha Kappa Psi Professional Business Fraternity | Chi Sigma Consulting
Relevant Courses: Web Development | Software Engineering | Database Design | Computer Systems
                               Object-Oriented Design | Human Computer Interaction | Algorithms and Data

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COMPUTER KNOWLEDGE

Languages: Proficient in: JavaScript | TypeScript | React | React Native | HTML | CSS | Bootstrap
                   Familiar with: Java | SQL | Visual Basic | Python | Racket | D3 | R | Verilog | C | Assembly
Systems: Windows | MacOS | Linux
Technology: Git | AWS | Node.JS | Visual Studio | Android Studio | Tableau | Smartsheet

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PROFESSIONAL EXPERIENCE

BurnCam Medical, Boston, Massachusetts, United States of America   July 2022 – December 2022
Full-Stack Developer
- Built over a dozen modular screens for both web and mobile using React Native and Redux
- Wrote multiple AWS Lambda functions to upload and retrieve patient's burn images stored in S3 buckets
- Conducted daily cross-platform UI testing to ensure compatibility and a consistent user experience
- Solved 5-10 critical bugs per week to aid transition to deployment of the product to the app store

Bain Capital, Boston, Massachusetts, United States of America   July 2021 – December 2021
IT Project Management Co-op
- Conducted weekly meetings resulting in the completion of the Red Team Blue Team Remediation project
- Assisted daily operations as an administrator of the team email and Smartsheet service accounts
- Recorded and distributed meeting notes, ensuring timely communication and operational accuracy
- Supported 15 senior project managers with daily debugging errors, increasing their daily efficiency

Singapore Armed Forces, Singapore, Singapore   October 2017 – August 2019
Security Trooper
- Awarded Outstanding Soldier of the Month for upholding high-security standards and staying vigilant
- Protected crucial military installations such as Hillview and Bukit Panjang Camp
- Trained 20 guardroom personnel on how to handle security procedures and potential scenarios
- Planned guardroom shifts and overnight duties for the security roster to ensure strong 24-hour protection

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PROJECTS

Animator   December 2020
- Created a Java program which accepts TXT or SVG files as input and plays the corresponding animation
- Adapted program for interface to allow pause, play, rewind, loop, speed up and slow down functions

Pyramid Solitaire   October 2020
- Pair programmed the game of pyramid solitaire using Java, including 2 new variations of the game
- Enhanced program to allowed for user to choose rules, pyramid size and number of drawn cards

Fitness Garage   July 2017
- Programmed personal training website and booking system for client using HTML, CSS and PHP
- Adapted website to client's design preferences and needs through weekly meetings

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INTERESTS

Fitness | Physical & Mental Health | Black Mirror | Liverpool FC | Fantasy Premier League | Gaming | DJing