

# Gavin Sonne

Software Engineer

## Contact

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## Skills

## Languages

TypeScript, JavaScript  
Java, C++  
Python

## Tools & Frameworks

React, Java Spring  
Node.js, Material UI  
Gatsby.js, D3  
Git, UNIX/Linux  
Docker, Oracle DB

## General

Front End Dev  
Full Stack Dev  
Software Engineering  
Data Visualization  
Documentation  
Agile/Scrum

## Education

2017 **Bachelor's of Computer Science** University of California, Santa Cruz

## Experience

- Dec 2022 to Present **GLOBAL CONNECTIONS TO EMPLOYMENT (GCE)** Remote  
**Software Engineer, Defense Counterintelligence and Security Agency**  
• Work with a fast paced Agile team to develop a React Application as part of a critically important Defense Product.  
• **Technologies:** TypeScript, React, Material UI, Java Spring, Node.js, GitLab, Artifactory, JIRA, Confluence
- 2022 **PEBBLE BEACH COMPANY** Pebble Beach, California  
**Technical Support Specialist, IT Department**  
• Provide phone, remote, and field support for at least 700 endpoints, including POS systems, TVs, and Windows boxes/laptops.  
• Perform Active Directory group adds, deletes, password resets, and other security group management.
- 2021 to 2022 **DEVINE CONSULTING** Monterey, California  
**IT Specialist, Institute for Security Governance, DSCA**  
• Lone support person for DoD organization consisting of 90 people worldwide.  
• Worked with the Naval Postgraduate School IT Department and Cybersecurity Operations Center to maintain Information Security of devices.
- 2018 to 2020 **SAN JOSE STATE UNIVERSITY** Moss Landing, California  
**Help Desk Administrator, IT Group, Moss Landing Marine Laboratories**  
• Developed a major revamp of the Public Data Portal. Made it modern and responsive with CSS, Bootstrap, and PHP.  
• Migrated the entire MLML Knowledge Base from phpBB to BookStack, a modern open source solution.
- Summer 2015 **LAWRENCE LIVERMORE NATIONAL LABORATORY** Livermore, California  
**Intern, Computation Division**  
• Improved the simulation data pipeline by designing an interface to convert CSV simulation data into the Hierarchical Data Format (HDF5), significantly improving data efficiency. Reduced data overhead by 75%.  
• Research Poster: "Improving Simulation Data Processing Pipeline"
- Summer 2014 **NASA AMES RESEARCH CENTER** Mountain View, California  
**Intern, Intelligent Systems Division**  
• Developed an iOS application which performed a psychophysical vision test allowing mobile device calibration using human subjects.
- Summer 2013 **NAVAL POSTGRADUATE SCHOOL** Monterey, California  
**Intern, Digital Evaluation and Exploitation Lab**  
• Improved a classification tool for analysis of file extension types for digital forensics research. Increased coverage by at least 50%. Utilized the web-scraping power of Python and Regular Expressions.