

# Tristan Kensinger

✉ tristan.kensinger@gmail.com   in <https://www.linkedin.com/in/tristan-kensinger>   ↗ <https://tristankensinger.github.io>

## 🎓 EDUCATION

**M.S. Machine Learning**, *Stevens Institute of Technology*  
GPA: 4.0 out of 4.0

Sep 2023 – May 2024 | Hoboken, NJ

**B.S. Computer Science**, *Stevens Institute of Technology*  
GPA: 3.91 out of 4.0

Sep 2019 – May 2023 | Hoboken, NJ

Minors: Pure and Applied Mathematics & Cyber Security

## 💼 PROFESSIONAL EXPERIENCE

**Software Engineer Intern**, *Cvent*

Jun 2023 – Aug 2023 | Remote

*Frontend, React, Redux, TypeScript, JavaScript, HTML5, CSS3, Backend, Node.js, Java, JUnit, Apache Maven, IntelliJ, Postman, Datadog, Splunk, Jira, Git, Security, OWASP, Mend, Chrome Developer Tools*

- Implemented payload compression on a framework level improving performance of consuming applications by 83%
- Updated Java service to Java version 17, added or modified 25+ files, and pushed changes to production
- Fixed security vulnerabilities in 2 Java services and demonstrated new vulnerable dependency fix workflow to team
- Cleaned up Java service codebase, removed 5 API endpoints, removed or modified 30+ files, and pushed changes to production and monitored efficacy in the following days

**Data Analyst Intern**, *Patterson-Kelley*

Jun 2022 – Aug 2022 | East Stroudsburg, PA

*Frontend, JavaScript, HTML5, CSS3, Jinja, Flask, Ajax, jQuery, Bootstrap.js, Backend, Node.js, Express.js, Python, Postman, Chrome Developer Tools, GCP, Git, Trello*

- Fully developed the frontend and backend of a website that allows users to log in and analyze their boiler's data in order to improve efficiency and performance
- Researched and created documentation for the API used by the boiler's hardware
- Deployed my website with Google Cloud's App Engine
- Created statistical tests and graphs to analyze boiler data in order to improve efficiency and performance

**Automation Support Intern**, *Sanofi Pasteur*

Jun 2020 – Aug 2021 | Swiftwater, PA

*Frontend, Backend, PLC Programming, HMI Programming, Python*

- Spearheaded efforts in upgrading the HMI software for the Flu Incubation Buildings
- Responsible for initial research, planning and managing the project, frontend and backend development, updating databases, and creating a transition document for future employees to continue the project
- Created a new hire programming standards document and automated various manual tasks using python

**Web Programming Course Assistant**, *Stevens Institute of Technology*

Aug 2022 – Dec 2022 | Hoboken, NJ

*Frontend, JavaScript, HTML5, CSS3, Handlebars.js, jQuery, Ajax, Backend, Node.js, Express.js, MongoDB, Postman, Trello, Figma*

- Held office hours, ran labs, and graded assignments

## 🧠 SKILLS

### Frontend Development

JavaScript, TypeScript, React, Redux, HTML5, CSS3, Bootstrap.js, Handlebars.js, Jinja, jQuery, Ajax

### Programming Languages

Java, Python, C++, C, JavaScript, TypeScript

### Technologies

Linux, Windows, MongoDB, SQL, AWS, GCP, Apache Maven, JUnit, Datadog, Splunk, IntelliJ, Postman, Windows, Linux, Mend

### Backend Development

Java, Python, Flask, Node.js, Express.js

### Agile Development

Git, Jira, Jenkins, Trello, Figma

### Techniques

Object Oriented Programming, Data Structures, Algorithms, Concurrent Programming, Security, APIs, Full-Stack Development, Databases, Web Development, Unit Testing, Chrome Developer Tools