

# Tim Gubski

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Princeton NJ

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6099338169

## Education

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Princeton University ECE GPA: 4.0 2025

## Experience

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### SWE | May 2024 - August 2024

Rivian @ Palo Alto

- Assisted in debugging and troubleshooting software issues to ensure timely resolution and deliver high-quality products
- Created automated tests using Selenium to ensure software reliability and performance
- Developed front-end features for electric vehicle software utilizing HTML, CSS, and JavaScript
- Participated in code reviews and provided feedback to improve code quality and maintainability
- Collaborated with cross-functional teams to implement user feedback and improve software usability

### Backend Developer | May 2023 - August 2023

WatchDog @

- Collaborated with cross-functional teams to troubleshoot and resolve technical issues.
- Developed scalable and secure APIs in Python for seamless integration with front end applications.
- Participated in code reviews and provided constructive feedback to improve overall code quality and maintainability.
- Implemented new features for WatchDog's backend system, increasing efficiency by 20%.
- Analyzed and optimized database performance to enhance system speed and reliability.

## Projects

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### ar-overlay

- Collaborated with team members to implement PHP functionality.
- Utilized GitHub for version control and project management.
- Demonstrated problem-solving skills in resolving technical issues.
- Developed interactive AR overlay using HTML, CSS, and JavaScript.
- Implemented responsive design for seamless user experience.

### flamenet

- Led a team in iterative idea generation, machine learning model development, sensor exploration, and automation implementation to optimize wildfire detection.
- Utilized the Twilio API to send instant alerts to fire authorities via text messages and phone calls, enhancing the speed and effectiveness of wildfire response efforts.

### tim-portfolio-website

- Optimized website performance by minimizing load times and optimizing code for SEO.
- Developed responsive portfolio website using HTML, CSS, and JavaScript, showcasing projects and skills.
- Collaborated with team members to gather feedback and make improvements to the website design.
- Implemented interactive features and animations to enhance user experience on the website.
- Utilized version control with Git to manage code changes and deployments effectively.