

# Jasper Sands

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## SUMMARY

I am a junior at WashU looking for a Computer Science internship. I have expertise in both cybersecurity and AI and am looking to continue my exploration of those fields and Computer Science as a whole.

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## EDUCATION

**Washington University in St. Louis** *graduating May 2025* **St. Louis, MO**

Major in Computer Science and Economics | Minor in Political Science

GPA: 3.8/4 | Languages: Java, Python, C/C++, Javascript/Typescript, HTML/PHP/CSS, Ruby on Rails, Go

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Software Development, Rapid Prototype Development and Creative Programming, Intro to Computer Security, Reverse Engineering and Malware Analysis

Awards: Dean's List

**DIS Copenhagen** *Spring 2024* **Copenhagen, Denmark**

Completing a semester abroad studying AI and machine learning while learning about Danish culture

Relevant Coursework: Artificial Neural Networks and Deep Learning, Artificial Intelligence

**Israel Summer Business Academy** *Summer 2022* **Tel-Aviv, Israel**

Completed immersive coursework on startups and entrepreneurship at Reichman University in Herzliya

**Menlo School** **Atherton, CA**

GPA: 3.7/4 | ACT 35 | 4 years of computer science | AP Scholar with Distinction, Dean's List

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## PROFESSIONAL EXPERIENCE

**Mindtrip** *Software Engineer Intern* *Summer 2023* **Palo Alto, CA**

- Engineer personalized travel planning app, integrating large language models for tailored recommendations.
- Designed Retool admin panels, enhancing data management by enabling efficient manipulation of entries.
- Built Ruby on Rails backend and REST API, coupled with JavaScript frontend, ensuring seamless functionality and dynamic user interfaces.

**Bugcrowd** *Associate Application security Engineer* *Summer 2020* **San Francisco, CA**

- Evaluated bug bounty submissions from a global network of hunters. Assessed exploit validity, severity, and potential impact.
- Collaborated closely with representatives from Fortune 500 firms and prominent tech industry leaders. Engaged in productive partnerships to identify vulnerabilities and propose effective remediation strategies.
- Enhancing security measures by coordinating with external organizations to implement fixes and fortify software integrity.

**Sparkiverse** *Teacher* *Jan. 2020 - Jul. 2020* **Palo Alto, CA**

- Mentored elementary school students in coding and math activities during an after-school program at a Palo Alto public school, nurturing cognitive and problem-solving abilities.
- Successfully transitioned the program to virtual platforms amidst the Covid pandemic, leveraging Zoom and Minecraft to maintain an engaging and interactive learning experience for students.

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## LEADERSHIP ROLES & CAMPUS ACTIVITIES

**Washu Hacks 2023 Hackathon** *Participant* *Oct. 2023* **St. Louis, MO**

- Built Subletify for college students to find other student to sublet to/from (Javascript, React.js, Supabase).
- Won first place in the social networking category out of 50 projects.

**WashU Gymnastics Club** *Club Gymnast* *Sept. 2021 - Present* **St. Louis, MO**

- Competed at nationals twice, achieving victories in multiple events, thriving under pressure.
- Demonstrated resilience and leadership in club gymnastics, overcoming fear and injuries.

**WashU Votes** *Member and Organizer* *Sept. 2021 - Present* **St. Louis, MO**

- Spearheaded WashU Votes initiatives, coordinating engagements with political leaders in St. Louis and advocating for civic participation.
- Led trips to the state senate in Jefferson, facilitating direct conversations with state senators.
- Orchestrated comprehensive voting resource campaigns and established voting booths, enhancing electoral awareness and accessibility within the WashU community.

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## OTHER ACTIVITIES & INTERESTS

**Other Involvements:** Tutor Me Program, Sigma Nu Fraternity, WU Pickleball Club, WU Student Investment Fund

**Interests:** Cycling, Minnesota Vikings, Legos, Formula 1, Chess, Harry Potter, Star Wars, Freakonomics