

Mason Green

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TECHNICAL SKILLS

<i>Programming Languages:</i>	Python, JavaScript, SQL, Rust, R, TypeScript, Java, HTML/CSS, MATLAB
<i>Frameworks & Packages:</i>	React, Next.js, Node.js, Leaflet, D3, Tidyverse, Pandas, NumPy, Matplotlib, Express, Flask
<i>AI, Infrastructure, Deployment:</i>	Pytorch, OpenLang, PostgreSQL, Vercel, MongoDB, Azure, AWS, Docker
<i>Interpersonal Skills:</i>	Technical Project Management, Public Speaking, Client Relations, Adaptable

TECHNICAL EXPERIENCE

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| Founder & SWE Dencity Seattle, WA | 2025 |
| <ul style="list-style-type: none">Built a geospatial web-app converting ~5 GB GeoJSON exports into a Leaflet map, partnering with Puget Sound Research Group to establish statistical validity of government data.Scaffolded tech-stack for Next.js, while using Flask/Python to quickly create prototype for testing. Leveraged server-side loading to improve performance on 10+ GB GeoJSON export features.Refined core feature-set based off beta-testing and filed paperwork for LLC. | |
| Technical Project Manager Kids in Need of Defense, Contigo Chatbot Seattle, WA | 2024 |
| <ul style="list-style-type: none">Led a 5-person team to deliver an MVP chatbot helping users access KIND services via WhatsApp.Curated a knowledge base (~100 Q/A pairs) and shipped an MVP using the OpenAI API after prototyping bespoke LLM approaches (OpenLang + PyTorch).Built a usage-and-cost forecasting model estimating requests/day and token consumption; validated assumptions with a 5-user pilot executing common chat flows. | |
| Backend Developer AvePass Seattle, WA | 2020 |
| <ul style="list-style-type: none">Built 8 REST API endpoints for a “social group ordering” feature using Node.js/Express, defining JSON contracts and implementing core server logic.Coordinated beta launch and iteration with 50 users and 7 restaurants, translating feedback into backlog updates. | |

PROFESSIONAL EXPERIENCE

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| Director of Legislative Affairs Associated Students of the U.W Seattle, WA | 2022 |
| <ul style="list-style-type: none">Contributed to the success of HB 1659 and 1736. Increased Washington College Grant awards by ~15% and established bridge grants for ~50,000 students. Conceptualized and established a state student loan program.Supervising a team of 5, lobbied during the 2022 Legislative session to drive completion of student priorities. Testified in committee, met with legislators, and coordinated with several colleges on statewide campaigns. | |
| Valet & New Hire Trainer Fairmont Olympic Hotel Seattle, WA | Dec. 2021 – Mar. 2024 |
| <ul style="list-style-type: none">Facilitated entry & departure experience for hotel guests with professional and expedient dialogue.Serviced an average of 150 customers daily in a high-pressure environment, focused on efficiency, safety, and quality of work. Set quality control standards for new hires with feedback cycles. | |

EDUCATION

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| Bachelors of Science in Informatics University of Washington | Mar. 2026 |
| <i>Full-Stack Software Engineering Specialization</i> | |
| <i>AAS-T in Electrical Engineering, 2019</i> | |

EXPERIENCES & AWARDS

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| Laidlaw Award Whatcom Community College – Awarded for 2+ year Student Government service and leadership |
| Motorcycle Machinist Apparatus MC/Freelance – Working with machinery, power-tools, and electrical diagnostics, repaired and restored vintage motorcycles |
| Muay Thai & Kickboxing Instructor Alpha Martial Arts – Competed in Smoker fights and led classes for 30+ students. |