

Gavin Jakubik

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EDUCATION	University of Notre Dame BS in Computer Science, GPA 3.3	Class of 2022
EXPERIENCE	Global Terrorism Search Website GitLab Frontend <ul style="list-style-type: none">• Built out a full backend using Python, learned to use CherryPy and add CORS support• Learned networking in JavaScript to call the API we created and display data in a user-friendly format	Fall 2020
	Anheuser-Busch Waste Management Project GitHub <ul style="list-style-type: none">• Collaborated with peer to support building out OOP python program• Quantified value of recycling by calculating daily volume of waste production by drink• Utilized data structure knowledge to efficiently store drink data as a hash map in anticipation of future scaling	Summer 2020
	Personal Website Project GitHub Frontend <ul style="list-style-type: none">• Applied networking knowledge from class to server deployment• Learned about and implemented a basic firewall by blocking non-https port connections• Researched and leveraged open source software such as Apache, Hugo, and Bootstrap to create a personalized site that can be deployed efficiently	Summer 2020
	The Marketplace at Pleasant Beach Café and Deli, Bainbridge Island, Washington <ul style="list-style-type: none">• Fostered pleasant interactions with customers• Suggested and implemented operational improvements by preparing inventory ahead of time and adding a new space for employees to record depleted inventory• Created innovative sandwich specials with underutilized ingredients, one of which became successful enough to go on the permanent menu Manager: Katy Nordstrom • KNordstrom@PleasantBeachVillage.com	Summer 2020
	Bluefish Fine Builders Contractor, Bainbridge Island, Washington <ul style="list-style-type: none">• Actively participated in small team and quickly learned and implemented framing, siding, and roofing skills• Precisely measured, formed, and poured concrete foundations• Selected by company owner to learn plumbing techniques and use them to begin implementing a new plumbing system• Identified and fulfilled general cleaning or moving tasks to increase worksite efficiency Owner: Geno Knox • (206) 842-3661	Summer 2018 and Summer 2019
	South Africa Research Trip <ul style="list-style-type: none">• Completed hands-on camera trap data collection in the South African bush• Tagged captured photos manually and entered data in Excel for use by research leaders• Engaged with locals about best conservation solutions for benefit of whole community Advisor: Brad Lewis • (206) 780-1287	Summer 2017
SKILLS	Proficient in: Python, C++, C, Java, Microsoft Suite (Word, Excel, PowerPoint) Familiar with: Javascript, Angular, HTML, CSS, MATLAB	