**Gabriel Anderson**

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# EDUCATION

**B.S. in Computer Science,** Minor in Cyber Security *September 2019 - June 2022*

### Eastern Washington University, Spokane WA

**Skills:** Data Structures & Algorithms, Client-Side & Server-Side Development, Containerization (Docker), Agile Methodologies

**Languages, Libraries & Frameworks:** Java, Python, C++, SQL, JavaScript, CSS, Flask, NumPy, Pandas, Laravel, React

# RELEVANT EXPERIENCE

**Solution Consultant** | T-SQL | C++ | Jira | Gitlab *September 2022 – Present*

Koerber Supply Chain Solutions, Bellingham WA

* Designing complex processes to improve efficiency, quality, and visibility of important customer data
* Developing data integrations to implement new pipelines throughout a warehouse management solution
* Continuously integrating enhancements and fixes into a production software solution
* Coordinating confidently with internal and external resources to assist or lead where needed.
* Collaborating with customers to build an understanding of inefficiencies and an implementation to the solution

**Technical Intern** | React | Python | Pandas | Git | Jira *June 2022 – August 2022*

Pacific Northwest National Lab, Richland WA (Remote)

* Developed a REST API to curate data between multiple interfaces
* Designed a responsive web application using React components and Bootstrap CSS
* Created data visualizations of chemical sensor data
* Collaborated remotely in an agile development environment with three other interns

**Administration Program Specialist** | WordPress| PHP | JavaScript | Adobe XD *September 2019 – June 2022*

Eastern Washington University, Spokane WA

* Developed webpages for the College of STEM’s internal and external websites
* Designed & implemented COVID-19 tracking system used by the university during 20-21 academic year
* Collaborated with faculty to transition work processes to an online setting during COVID-19 pandemic

**Computer Science Tutor** Java | C | OOP*June 2021 – July 2021*

Eastern Washington University*,* Spokane WA

* Assisted students in understanding fundamental coding concepts in Java, C, and OOP

# ACADEMIC WORK AND PROJECTS

**Neural Network Recognizing Handwritten Digits** | Java *January 2022 – March 2022*

* Implemented a MLP Network from scratch using Python and NumPy

**Fast Fourier Transform Algorithm** | Java *September 2021 – December 2021*

* Created the Fast Fourier Transform and its inverse transform using Java

**Undergraduate Research Application** | Docker | PHP | HTML | CSS | SQL | Bootstrap *January 2022 – June 2022*

* Updated legacy software using modern coding practices
* Used Dockers OS-level virtualization to run the web app in multiple containers
* Met with client frequently to refine the website to their needs
* Collaborated with three other Computer Science students

# AWARDS & LEADERSHIP EXPERIENCE

## **Student Employee of the Year** *May 2021*

## **Outstanding Computer Science Student** *June 2022*

## **Deans Excellence Award** *June 2022*

## **Secretary of Cyber Security Club** *September 2021 – June 2022*

**Member of 100 Women+ Strong** *September 2020 – June 2022*

**UW Dance Marathon Treasurer** *September 2017 – June 2018*