

Koda Ray Koziol

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Summary

I'm a full-time Computer Science undergrad at Idaho State University, set to graduate in May 2024 and currently employed part-time in automation. With a focus on math and experience in graphic design, I could be a valuable, well-rounded addition to your team.

Skills

- **Programming**
 - *Python*
 - *JavaScript*
 - *C#*
 - *C++*
 - *Java*
 - *C*
 - *Introduced to ladder logic for PLC programming.*
- **Frameworks and Libraries**
 - *Django*
 - *React*
 - *Node.js*
 - *Bootstrap*
 - *Unity Game Engine*
 - *FXGL*
 - *Windows Forms*
 - *TensorFlow*
 - *Keras*
 - *YOLOv8*
- **Documents and Graphic Design**
 - *HTML & CSS* using *responsive design* principles.
 - *Adobe Photoshop* and *Illustrator*, *Adobe certified*.
 - *Serif Affinity Suite*
 - *Microsoft Office: Word, PowerPoint, and Excel*
 - *Knowledge of Typography and Layout principles*
- **GitHub and git:** *familiar with source control best practices*
- **Wireshark**
- **Bash**
- **Argumentative, expository, and creative writing**
- **Advanced Mathematics** up to Calculus 3 and Differential Equations
- **Teaching and tutoring** – I've tutored math from time to time with success and I'm a professional Ski Instructor, certified Alpine Level 1 by the PSIA.

Employment

- *June 2023 to Present* – **Full-stack software developer intern at Ibex Controls**, an **automation company** based in Paul, Id. At Ibex Controls I have been tasked with building a webapp for monitoring sensor data collected from remote PLC's using the Modbus protocol, and for storing and viewing that data with a database. I've been a critical part of the design and development of every part of the stack, from the front-end to the back-end to the polling program. I've even learned some basic ladder-logic for programming the PLCs.
- *As a **Ski Instructor**, certified **Alpine Level 1** by the Professional Ski Instructors of America (PSIA):*
 - *2022 to 2023* – **Pebble Creek**. Part-time
 - *2021 to 2022* – **Park City**, Mountain Village. Full-time
 - *2020 to 2021* – **Pomerelle**. Full-time
- *Summer 2022 to December 2022, then Summer 2023* – **Work/Study** at the **Idaho State University Grounds Department**.

Education

- *2022 to Present* – **BS in Computer Science** at **Idaho State University**. Current GPA: 3.92. Projected graduation: May 2024. Notable courses:
 - Databases
 - Applied Neural Networks
 - Advanced Object-Oriented Programming
 - Secure Networks
 - Cybersecurity
 - Secure Operating Systems
 - Software Engineering
- *2018 to 2020* – **AS in Computer Science** and **AS in Mathematics** at the **College of Southern Idaho**. On the Dean's list for multiple semesters; on the President's list once. Notable courses:
 - Business Statistics, Statistical Analysis
 - Ordinary Differential Equations
 - Calculus 3
 - Web Authoring
- *2016 to 2020* – **Graphics Communications** at the **Cassia Regional Technical Center**.
 - Certified in Adobe Photoshop and Illustrator, but also learned several other software for different fields of graphic design.
 - Studied visual design and typography principles.

Achievements

- Recipient of the Harrison Family Scholarship
- Designer of the 2018 Cassia Regional Technical Center T-shirt and keychain
- Bronze in the SkillsUSA Idaho 2018 Banner Design Contest.