Ryan P Blake

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Address:
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Bellingham, WA

EDUCATION

Western Washington University Bellingham, WA **Bachelor in Electrical and Computer Engineering in progress** January 2020 - Est. June 2023 GPA: 3.6

Cascadia Community College Bothell, WA **Associate in Integrated Studies** June 2018

WORK EXPERIENCE

Bellingham Coding and Robotics Club Bellingham WA *Lead Instructor* September 2020 – Present

- Teaching, leading and managing a group
- Communication of technical ideas to students and parents
- Answering questions from customers and orienting new staff
- Business development, course design, and management

Paradise Pet Lodge Snohomish, WA *Activity Coordinator* July 2016 – August 2018

- Managing high stress events, leadership oriented crisis prevention
- Experience adapting to unpredictable situations

SKILLS

- Experienced in coding languages like C, Java, Python and more
- Embedded Systems, ARM Cortex-M Processors
- Matlab for data and signal processing
- Fusion 360
- Printed circuit board design with Altium Designer
- Earned a Black Belt in Tae Kwon Doe

PROJECTS

- Designed a Coin Cell battery charger PCB using operational amplifiers
- Convolution based sound signal modulation using Matlab
- Designed and coded a website (using HTML, CSS, and Github)
- Four bit decade counter with flip-flop ripple using 74HC logic