Kyle Dobyns | kyledobyns22@gmail.com | (206) 841-2523 | Bothell, WA | https://kdobyns.com

EDUCATION

University of Washington Bothell · **Expected Winter 2025**
Bachelor of Science, Computer Science & Software Engineering · Bothell, WA
- **Current GPA: 3.9**

Shoreline Community College · **August 2023**
Associate of Arts, Direct Transfer Agreement · Shoreline, WA
- **GPA 3.9**: Graduated with honors

Shoreline Community College · **March 2016**
Associate of Applied Arts & Sciences, Honda Automotive · Shoreline, WA
- **GPA 3.9:** Graduated with honors

PROJECTS

- **Butterfly Game: Interactive Web-Based Development**
  Technologies: HTML, CSS, JavaScript | GitHub: **Butterfly Game**
  - Developed an interactive, web-based game that features dynamic gameplay and engaging visuals using core web technologies (HTML, CSS, JavaScript)
  - Followed Agile methodologies and utilized GitHub for version control. Emphasized responsive design and user-friendly experience across devices
  - Integrated complex problem-solving techniques to optimize game performance and ensure smooth functionality across different browsers
- **ARM Cortex-M4: Low-Level Programming**
  Technologies: ARM/THUMB-2 Assembly, C, Keil µVision IDE| GitHub: **Cortex-M4 Project**
  - Implemented standard library functions and system-level handlers in ARM/THUMB-2 assembly on a TM4C129 microcontroller, enhancing skills in low-level programming, memory management, and interrupt handling
  - Gained experience with hardware-software integration, troubleshooting low-level code, and optimizing real-time processing
  - Improved problem-solving skills by optimizing functions for better performance and handling complex system-level tasks

TECHNICAL SKILLS

- ✓ **Software & Application Development**: C++, Java, JavaScript, HTML, CSS, Python, Assembly
- ✓ **Data Structures & Algorithms:** Proficient in implementing and optimizing data structures
- ✓ **Web Development:** Experience with front-end technologies, including React
- ✓ **Communication & Teamwork:** Strong written and verbal communication skills
- ✓ **Organization & Analytical Thinking**: Strong organizational abilities, with an aptitude for analytical thinking
- ✓ **Problem Solving:** Extensive experience with debugging, complexity analysis, and memory optimization
- ✓ **Agile Methodologies:** Familiar with agile development and project management
- ✓ **Version Control:** Skilled in using Git for source code management and collaborative development
- ✓ **Testing & Debugging:** Experienced in unit testing, integration testing, and automated testing frameworks

WORK EXPERIENCE

Lynwood Honda · **April 2014 – Present**
Master Technician · Edmonds, WA
- Mentor junior technicians, boosting diagnostic accuracy through training on complex system troubleshooting
- Lead advanced diagnostics on safety-critical systems, using data analysis to resolve system issues efficiently