NATE WALCHENBACH

natewalchenbach24@gmail.com
(425) 422 – 2001
www.linkedin.com/in/nate-walchenbach
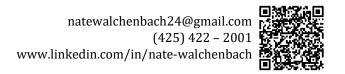
PROFESSIONAL EXPERIENCE

Full Stack Software Developer, Monroe, WA   May 2021 – Present
Barn Pros Inc.
- Standardize purchasing cycle related to volatile lumber costs by creating relational tables in MySQL and Postgress in effort to save 6+ hours of weekly internal labor
- Create external client portal site with MERN stack to enhance accessibility and serviceability of customer user experience related to data visualization and project-specific information
- Created local REST API to access MongoDB database to optimize our queries.

Apple Sales Representative, Lynnwood, WA   October 2019 – April 2021
Best Buy Store #477
- Achieved the top 1% of Best Buy sales associates in December and January by producing over $500,000 in computer product sales and protection plans
- Responsible for sales and marketing in the computer-based products department while displaying strong customer service skills and technical computer industry knowledge

777X In Tank Wing Mechanic, Everett, WA   September 2018 - August 2019
The Boeing Company
- Utilized drills and high impact vibratory tools, cable tools and various other hand tools to manually perform on Boeing 777X and 777 airplane wings
- Assembled and installed parts, structural components, and sub-assemblies to build and attach major wing assemblies

Mechatronics & Maintenance Intern, Everett, WA   June - September 2018
The Boeing Company
- Participated in 12-week internship program in the Mechatronics, Facilities, and Maintenance technical departments
- Operated 3 and 5-axis CNC operation machines while specializing in 5-axis plasma and laser CNC machines

Fabrication Intern, Seattle Area, WA   June - August 2017
The Boeing Company
- Designed and assembled a new employee workstation using CADD and shop power tools to increase the workflow of the electrical wiring assembly line, improving both efficiency and productivity of the department
- Shadowed the lead customer engineer manager of the Boeing-Everett plant while learning the process of designing the interior fuselages of Boeing 787 and Boeing 737-8 airplanes

LEADERSHIP AND SERVICE EXPERIENCE

Key-Note Speaker, Snohomish, WA   October 2018
Snohomish School District Career and Technology Exploration Conference
- Shared personal success stories, experiences, and anecdotes to inspire attendees of the value in technical education
- Demonstrated communication and public speaking skills by speaking to 25+ Snohomish District board members

EDUCATION

University of Washington Seattle, WA   October 2021 - April 2022
Full Stack Developer Bootcamp
- Develop competences and concepts of full-stack web development through hands-on application and project-oriented research and homework
- Demonstrate characteristics of life-long learning related to software development, methodology adaption, and continuous growth

SKILLS AND QUALIFICATIONS

- Licenses: *Certified Solidworks Associate (CSWA)*
- Coding Languages: *JavaScript, HTML, CSS, SQL, React, MongoDB*
- Software Programs: *Adobe Platform, Rhino 3D Modeling Software, VCarve 2D CNC Programming Software, Solidworks 3D Modeling Software, Computer Numerical Control Programming*
- Machinery Experience: *3 Axis CNC Mill, 2D 60-Watt Plus Laser, CNC Plasma Cutter, Drill Press, CNC Lathe, Riveting Tools*
- Computer Science applied to JavaScript: *Algorithms, Performance, Time Complexity, Big O Notation, Data Structures*
- Browser Technologies: *HTML, CSS, JavaScript, jQuery, Responsive Design, Bootstrap/Bulma, Local Storage, React.js*
- Databases: *MySQL, Postgress, MongoDB*
- Server Side Development: *User Authentication, Template Engines, MERN stack(MongoDB), Express.js, React.js, Node.js*
- API Design: *Client Server-Models, API, Rest, JSON, AJAX (Fetch API), HTTP/HTTPS request methods, GraphQL*
- Deployment: *Heroku, Git, Github, Shell, Unit Testing (jest.js), linting, continuous integration*