

BRYCE M. DUGGER

SUMMARY Consulting engineer with management experience seeking new opportunities. Competent in object-oriented programming with relevant course work in web design, databases, and product management. Clear technical communicator with effective interpersonal and leadership skills.

EDUCATION **WASHINGTON STATE UNIVERSITY, PULLMAN, WA**
Bachelor of Science in Mechanical Engineering
Graduated May 6th, 2017

UNIVERSITY OF WASHINGTON'S FULL-STACK WEB DEVELOPER BOOTCAMP, SEATTLE, WA
Languages: Javascript, CSS, HTML
Frameworks / Libraries: React, Node.js, Express, Bootstrap, jQuery
Databases: MySQL, MongoDB
Graduated February 22nd, 2020

GENERAL ASSEMBLY'S SOFTWARE PRODUCT MANAGEMENT CERTIFICATION, SEATTLE, WA
Graduated July 6th, 2020

EXPERIENCE **HARGIS ENGINEERS, JUNE 2017 - CURRENT, SEATTLE, WA**
MECHANICAL CONSULTANT

- Mechanical Designer, Associate Project Manager, & BIM Manager.
- Design the mechanical, plumbing, refrigeration, and control systems that serve buildings.
- Coordinate with internal and external stakeholders to determine product vision.
- Develop solutions that satisfy client requirements for cost, appearance, and performance.
- Proactively identify errors in design or drawings and drive action to resolve issues.
- Manage and prioritize competing tasks to develop multiple drawing packages.
- Render 3D CAD models to solve complex problems that satisfy tight constraints.

PROJECTS **RAINIER AIR, MOBILE APP REDESIGN PROPOSAL, GA PRODUCT MANAGEMENT CERTIFICATION**

- Apply end-to-end product management process to redesign an airline's failing mobile app.
- Evaluate target customers, manage product roadmap, design MVP, and develop metrics.

SHOW-UP, MERN-STACK WEB APPLICATION, UW FULL-STACK WEB DEVELOPER BOOTCAMP

- Community driven site where users review upcoming concerts with a ranking system.

Front End: React, Bootstrap / CSS, Back End: Node.js / Express, Database: Mongoose / MongoDB

PROTOTYPE MANAGER FOR LEADING TECH COMPANY'S RETAIL PROGRAMS, HARGIS ENGINEERS

- Developed prototypes to mass produce two NDA retail programs.
- Eliminated an estimated 40 hours of model set up and development time per project.
- Review completed projects and client feedback to apply relevant updates.
- Create new and refine existing processes to increase efficiency and practicality.