(360) 981-8016
bryce.dugger@outlook.com
brycedugger.github.io/portfolio/

BRYCE M. DUGGER

SUMMARY

Consulting engineer partnering with architects to design buildings - seeking career shift. Clear technical communicator with effective interpersonal and leadership skills. Competent in object-oriented programming with coursework in web design, databases, and product management.

EDUCATION

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

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

PRODUCT MANAGEMENT CERTIFICATION, GENERAL ASSEMBLY, SEATTLE, WA
Completed July 6th, 2020

EXPERIENCE

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

- Mechanical Designer, Associate Project Manager, & BIM Manager.
- Coordinate with internal and external stakeholders to realize product vision.
- Develop solutions that fulfill cost, appearance, and performance requirements.
- Proactively identify errors in design and documentation. Drive action to resolve issues.
- Manage and prioritize competing tasks to develop multiple drawing packages.
- Utilize 3D modeling software to solve complex problems that satisfy tight constraints.
- Mentor junior staff members and delegate project tasks based on strengths.

PROJECTS

MOOLAH, WEB APPLICATION & PRODUCT PROPOSAL, FULL-STACK BOOTCAMP & PERSONAL PROJECT

- Users can track their expenses and goals in tabular view and develop a budget.
- Design and pitch new feature by applying an end-to-end product management process.

Front End: jQuery, Bootstrap / CSS, Back End: Node.js / Express, Database: Sequelize / MySQL

RAINIER AIR, MOBILE APP REDESIGN PROPOSAL, PRODUCT MANAGEMENT CERTIFICATION

- Apply end-to-end product management process to redesign an airline's failing mobile app.
- Perform customer research to develop insights and create MVP, metrics, and user stories.

PROTOTYPE MANAGER FOR ITERATIVE RETAIL PROGRAMS, HARGIS ENGINEERS

- Eliminated an estimated 16 hours of model set up and development time per project.
- Analyzed previous project results and client feedback to apply them to upcoming projects.
- Refined existing processes to increase efficiency and practicality.