
EDUCATION**University of Minnesota – Twin Cities****Fall 2014 – Spring 2018**

- Bachelor of Computer Science, Expected Graduation May 2018. GPA: 3.745
- Coursework: Intro to C/C++; Computational Linear Algebra; Algorithms; Programming Principles; Data Structures and Program Development; Machine Architecture and Organization; Physics II; Calculus II; Probability and Statistics
- Coursework (In-Progress): Program Design and Development; Programming Graphics and Games; Algorithms and Data Structures; Intro to Web Design

EMPLOYMENT**Seagate Technology, Equipment Engineer Intern****Summer 2016**

- Programmed R Scripts to query and analyze various tool errors and data
- Implemented alarm detection and handling for Nikon-Step-Repeat wafer production tools
- Developed process to monitor and prevent over usage events within a new chemical delivery unit

Graco Inc., Oracle ERP Developer Intern**Spring 2015 – Spring 2016**

- Assisted with Internal Process Improvement of the IT department
- Supported issues and change requests with the Oracle ERP system
- Worked on various performance improvement projects within the Oracle Pricing module
- Tested and debugged upgrades of the Oracle system and supporting software

R&D Sales, Technician**Summer 2014**

- Operated machinery required to produce apparel with custom designs
- Aided with diagnosing of machine and process errors within the business

PROJECTS**Chemical Delivery Unit Usage Monitoring – Seagate****Summer 2016**

- Worked with the Equipment Engineer to decide core functions of the program
- Communicated with vendor to output correct tool data to Oracle databases
- Developed procedure to monitor tool alarms and notify facility maintenance in the event of critical errors

Oracle Pricing Performance Improvement – Graco Inc.**Fall 2015 – Spring 2016**

- Collaborated with Business Analyst to determine areas of poor performance within the Pricing module
- Researched and brainstormed solutions to improve performance of Pricing module
- Developed and implemented PL/SQL procedures to reduce and maintain size of Oracle Pricing database

UMN Schedule Export Chrome Extension**Summer 2016**

- Built a Chrome extension to export student class schedules to be easily used with Google Calendar or iCal
- Developed using Javascript and jQuery to pull class data and format for use with calendar applications
- Allows students to add their whole schedule in one click instead of manually creating each event

Game Development**Summer 2014 – Summer 2016**

- Gained experience in the process of building Android apps in a team environment
- Designed the graphics, assisted with development of gameplay, and provided support debugging and testing

LANGUAGES AND TECHNOLOGIES

- **Proficient:** Java, C++, SQL, PL/SQL
- **Familiar:** Javascript, HTML, C, C#, R, Clojure
- Eclipse, Github, Xcode, Oracle EBS, Oracle SQL Developer, R Studio, Photoshop

ADDITIONAL ACTIVITIES

- Co-Captain, Intramural Ultimate Frisbee
- Member, Intramural Hockey