

Jason M. Gruenhagen

850 Washington Ave SE
Minneapolis, MN 55414
(952) 288-6521
jasonmgru@gmail.com
jasonmgru.com

EDUCATION

Bachelor of Science, Computer Science
University of Minnesota - Twin Cities
College of Science and Engineering
GPA: 3.73

Minneapolis, MN
May 2019

PROJECTS

JASON GRUENHAGEN WEB PORTFOLIO

<https://jasonmgru.github.io/>

- Created for fun; inspired by projects seen at hackathons
- Goal is to create an interactive, static web portfolio with great UX
- Other projects listed on website

WORK EXPERIENCE

SOFTWARE ENGINEERING/PROGRAMMING LANGUAGES RESEARCH ASSISTANT

The MELT Group (Minnesota Extensible Language Tools)
University of Minnesota - Twin Cities

Minneapolis, MN

June 2017 - September 2017

- Used MELT's Silver programming language to create a simple functional programming language
- Monto is MELT's software project which seeks to generalize IDE functionality to many languages
 - Monto acts as a broker between a language's compiler and an IDE
- Worked on eclipse plugin to get keyword highlighting, syntax correction, and error information from Monto

PACKAGE HANDLER

UPS

Minneapolis, MN

October 2017 - January 2018

- Offered supervisor position

SKILLS

Programming Languages: Java, JavaScript, Python, OCaml, C, C++, Swift, assembly

Libraries/Frameworks: jQuery, Node.js, Bootstrap, NumPy, R, MATLAB

Programming Styles: Object-oriented, imperative, functional

Operating Systems: Windows 7, 8, 10, macOS, UNIX, Ubuntu

Other Technology: GitHub, HTML, CSS, Vi/Vim, Microsoft Office

General: Strong written/verbal communication skills, customer service, teaching

COURSEWORK

Algorithms and Data Structures

Programming Concepts

Advanced Programming/Functional Programming

Discrete Structures

Machine Architecture and Organization

Calculus I & II, Computational Linear Algebra

Introduction to Operating Systems (In Progress)

Internet Programming (In Progress)

Program Design and Development (In Progress)