

# Jason M. Gruenhagen

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

## EDUCATION

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

Minneapolis, MN  
May 2019

## PROJECTS

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### 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

## WORK EXPERIENCE

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### 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

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**Programming Languages:** Java, JavaScript, Python, OCaml, C/C++, assembly

**Libraries/Frameworks:** jQuery, Node.js, Requests (Python), MATLAB

**Programming Styles:** Object-oriented, imperative, functional

**Operating Systems:** Windows 7, 8, 10, macOS, Unix, Ubuntu

**IDEs:** IntelliJ IDEA, Microsoft Visual Studio, XCode, Android Studio, Eclipse

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

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

## COURSEWORK

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Algorithms and Data Structures

Programming Concepts

Advanced Programming/Functional Programming

Discrete Structures

Machine Architecture and Organization

Calculus I & II, Computational Linear Algebra

Introducion to Operating Systems (In Progress)

Internet Programming (In Progress)

Program Design and Development (In Progress)