


Zachary Pearson

 (651) 333 - 0915

 zpearson01@hamline.edu

 807 Snelling Ave, St. Paul, MN 55104

EDUCATION

Hamline University

Bachelor of Science in Physics

Hamline Achievement Scholar Aug 2014 - Present

Saint Paul, MN

Anticipated graduation: June 2018

LANGUAGES, SKILLS, & TOOLS

Languages: HTML/CSS, JavaScript, Python, Java, C++

Tools: Mathematica, Git, Bash

Skills: Soldering

RELEVANT COURSEWORK

Innovations with Roger Appeldorn

Multivariable Calculus

Math Methods

Differential Equations

General Physics II

Modern Physics

Condensed Matter

Quantum Mechanics

Genetics

EXPERIENCE

Hamline University

Research assistant

Saint Paul, MN; June 2014 - Aug 2014

- Studied properties of resonant structures
- Used electrical engineering concepts to make results' apparatus
- Video-tracked the circular motion stereoscopically
- Used Mathematica to develop a 3D model of the stereoscope video
- Presented on research methods and results

Student Experience [Non-profit]

Personal Care Assistant

Minneapolis, MN; Oct 2014 - Jan 2015

- Gave care to and gained a deeper understanding of individuals with disabilities
- Broadened my communication skills by helping others with their own
- Learned how to be a responsible leader

Butcher and the Boar

Wait assistant

Minneapolis, MN; Aug 2015 - Present

- Assist waiters, communicating with both wait staff and customers
- Efficiently and simultaneously manage multiple responsibilities

EXTRACURRICULARS

The Hamline Physics Club

President & Club Founder

Saint Paul, MN; Aug 2014 - Aug 2015

- Created a club that serves students passionate about physics with education workshops
- Organize all projects, activities, meetings, and events held by the club