

Randall Krueger

rkruerge2@nd.edu



 <https://Viice.github.io>



 [GitHub://Viice](https://github.com/Viice)

Campus:

314 Dunne Hall

Notre Dame, IN, 46556

Education

University of Notre Dame

Notre Dame, IN

B.S. in Computer Science, Expected May 2019

Most Recently Completed Semester GPA: 3.94

Cumulative GPA: 3.70

College of Engineering Dean's List 2016 & 2017

Scored perfect 36 on ACT

Berlin Summer Program Summer 2016

Chosen to spend six weeks experiencing German culture while taking Notre Dame-taught courses

Relevant Coursework & Projects

Operating Systems • Systems Programming • Data Structures • Programming Challenges •

Computer Networks • Computer Graphics • Visual Effects • Computer Architecture • Discrete Math •

Integrated Engineering and Business • Probability and Statistics

- Developed a recreation of Super Mario Bros. using C++ and the SDL library. Oversaw a small team.
- Created a working web server using only C

Skills

Programming Languages

Proficient: Python • C • C++

Familiar: JavaScript • Ruby • C# • Java • MATLAB

Other Skills

HTML • CSS • Git • Data Structures & OOP • Software Design Patterns • Unix Shell •

Linux & Windows • WebGL • SSH • L^AT_EX • Socket Networking

Software

Adobe Photoshop • Adobe Premiere Pro • Adobe Illustrator • Adobe After Effects • Autodesk Maya •

Audacity • Atom • Microsoft Office

Experience & Accomplishments

Collaborated with Clarity Technology Group to build a PC from individual parts. - Summer 2017

Troubleshoot both software and hardware issues at Buttonwood Partners Inc., installing individual pieces of hardware in computers, replacing faulty machines, and general software maintenance.

Competed in Hesburgh Hackathon 2017

- Worked in a team of three, developed a website for the University of Notre Dame.
- Scraped the web, utilizing queries, and Python's requests library.
- Manipulated big data to provide only relevant information to users.
- Produced a graphical representation of classes.
- Code was written in JavaScript and Python, utilizing the Pandas and BeautifulSoup libraries.

Elected to be the founding commissioner of apparel of Dunne Hall, Notre Dame's newest men's dorm.

Designed Dunne's official crest, clothing, and flag using Adobe Photoshop and Adobe Illustrator.

Placed 2nd in the Microsoft College Code Competition in 2017; competed in 2015.

Appointed position as teaching assistant for Notre Dame's Technical Concepts of Visual Effects. -
Spring 2018