

TAYLOR RONGAUS

Address: 1855 Vaness St • Apt 3102 • South Bend, IN 46637

Contact: trongaus@gmail.com • 412-889-0244

Website: trongaus.github.io

EDUCATION

University of Notre Dame, Notre Dame, IN

May 2018

Bachelor of Science in Computer Science, Minor in Engineering Corporate Practice

GPA: 3.5/4.0

Relevant Courses: Algorithms, Web Applications, Data Structures, Design Thinking, Accounting, Finance

Honors: Dean's List Spring 2016

Notre Dame Study Abroad Program, London, England

Summer 2015

INTERNSHIPS

EY, New York, NY

Summer 2017

Technology Advisory Intern

- Served as a junior product analyst on a digital product solutions team for a major theme park
- Collaborated across multiple work streams to provide product inputs for program management, user acceptance testing, and business transformation
- Created multiple client deliverables including current state process flows, future state functional flows, customer experience maps, and UX/UI design for proposed application improvements
- Developed professional skills in consulting, understanding of industry leading technology, and experience working within the agile software development framework

Naval Nuclear Laboratory, West Mifflin, PA

Summer 2016

Technical Intern

- Interned with the Bettis Atomic Power Laboratory, operated for the U.S. Department of Energy
- Determined functional requirements to individually develop a new work request system using Microsoft server applications to support the enterprise's multimedia needs
- Gained practical experience in problem solving, troubleshooting, developing, and consulting

LEADERSHIP EXPERIENCE

Student Assistant, **Introduction to Engineering Course**

Fall 2015 - Present

- Encourage students to develop independent learning and critical thinking skills while aiding them in completing and understanding their assignments of basic engineering concepts
- Maintain competency in basic physics, Microsoft Excel, CAD Modelling, 3D printing, and MATLAB

Orientation Steering Committee Member, **Notre Dame Welcome Weekend**

Fall 2017 - Present

- Act as an intermediary between student orientation leaders and the Division of Student Affairs to facilitate in planning and programming for the entirety of Notre Dame's 2017 Freshman Orientation Weekend

Various Commissioner Positions, **Lewis Hall Council**

Fall 2015 - Present

- Plan social and charitable events for a dorm community of 300 women, manage and update the hall website and various social media platforms, and act as a liaison between on-campus and off-campus residents of the hall

PROJECTS & ACTIVITIES

Low-Vision Mentorship Project: teaching Illinois School for the Visually Impaired students basic computer science skills

Pac-Man Project: a networked 2-Player Python implementation of Pac-Man utilizing the PyGame and Twisted libraries

CSE Service Project: an incident reporting database for a local nonprofit organization using JavaScript and Firebase

Casino Project: terminal-based C++ mini-games fully utilizing the object-oriented capabilities of the language

Filesystem Project: a Unix-like filesystem built from scratch in C given a disk emulator and a shell

AT&T Mobile Hackathon: attended 2015 hackathon at Notre Dame and assisted in development of an iOS mobile app

Interhall Racquetball: team member representing Lewis Hall

WVFI: weekly radio show co-host at Notre Dame

TECHNICAL SKILLS

Advanced C++, Python, Git, MATLAB, Microsoft Office, Balsamiq; *Proficient* C, LaTeX, CSS, HTML, JavaScript, LabVIEW, Rally