

# TAYLOR RONGAUS

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## EDUCATION

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**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, Fall 2017, and Spring 2018

**Notre Dame Study Abroad Program**, London, England

Summer 2018, 2015

## INTERNSHIPS

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**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

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*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

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**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

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