# Noah R. Rogers

1010 W Springfield Ave, Urbana, IL 61801 ● 309-265-2984 ● noahrr2@illinois.edu

## EDUCATION

**UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN**                                     **May 2021**
Bachelor of Science                                                        Major in Engineering Physics
GPA: 4.0/4.0

**ILLINOIS CENTRAL COLLEGE – EAST PEORIA**                                         **May 2019**
Associate in Science Degree                                                          Major in Physics
GPA: 4.0/4.0

## PROJECT HIGHLIGHTS

**PASSWORD ENCRYPTION APPLICATION (CERBERUS)**            **December 2019 – Current**
- Produced a Graphical User Interface and adjusted the GUI based on Co-Developer critique
- Implemented Unique Encryption Algorithm with one-way encryptions
- Maintained the app locally with accessibility features to prevent potential leaks from a server

**JAVA TEXT-BASED RPG GAME ENGINE**                            **January 2019 – May 2019**
- Collaborated with a group of 10+ individuals to build a new and customizable game engine
- Applied teamwork to agree on design choices and programming methods
- Proposed gameplay mechanics and programming ideas to support fellow programmers

**WEBSITE FOR CLUB INFORMATION**                          **November 2018 – January 2019**
- Developed and critiqued a website with 1 other individual to build a club website
- Proposed creative design ideas to assist in functionality and ease for users
- Established a database for the website to gather member information using MySQL and PHP

## WORK EXPERIENCE

**CUSTOM POWER PRODUCTS – EDELSTEIN, IL**                  **May 2019 – August 2019**
*Work Instructions Creator Intern*
- Designed understandable work instructions for new machines/programs to support workers
- Resolved problems for machinery/programs through a variety of troubleshooting techniques
- Quickly interpreted and understood new machinery/programs for creating work instructions

**ACADEMIC SUPPORT CENTER – EAST PEORIA, IL**             **September 2018 – May 2019**
*Academic Tutor*
- Instructed fellow students in subject areas of Math, Biology, Chemistry and Physics
- Collaborated with more than 6 tutors to solve problems with scheduling or tutoring content
- Regulated tutor appointments and phone calls to promote effective student support

## LEADERSHIP AND HONORS

- Illinois Central College President's List – Recipient            **August 2017 – May 2019**
- Phi Theta Kappa International Honor Society – Officer          **November 2018 – May 2019**
- Illinois Central College Computer Science Club – Member       **November 2018 – May 2019**
- Illinois Central College Honor's Program – Member              **January 2018 – May 2019**

## TECHNICAL SKILLS

**Applications:** GitHub, Android Studio, ElectronJS, Flask and MS Office

**Languages and Skills:** Java, Python, C++, JavaScript, PHP, MySQL, and Web Development