

# Hunter Price

## Computer Science Intern

Driven, committed, and hard-working computer science student looking to leverage my academic skills learned in the classroom to improve the world around me.

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## EDUCATION

### Bachelor of Computer Science

University of Tennessee Knoxville

08/2018 - Present

3.90 GPA

#### Minors

- Business Administration Minor
- Cybersecurity Minor

## WORK EXPERIENCE

### Undergraduate Research Assistant

University of Tennessee

02/2021 - Present

Knoxville, TN

#### Achievements/Tasks

- Studied the impact of information sources as it relates to the security of developers applications.
- Collected and analyzed large amounts of data using the Python programming language.
- Efficiently and clearly communicated my progress and ideas with my advising professor.

## HONOR AWARDS

Member of the Cook Grand Challenge Honors Program  
(08/2018 - Present)

University of Tennessee, Knoxville

Summa Cum Laude Dean List (08/2018 - Present)

University of Tennessee, Knoxville

## RELATED COURSEWORK

### Intro to Cybersecurity (01/2021 - Present)

University of Tennessee

- Introduction to core topics in computer security including security goals, threat modeling, software security, operating system security, cryptography, network security, and human factors.

### Software Engineering (08/2020 - 12/2020)

University of Tennessee

- Introduction to software processes that can be used on large projects to help design, manage, maintain, and test software.

### Intro to Scientific Computing (07/2020 - 08/2020)

University of Tennessee

- The design, analysis, and implementation of numerical algorithms for solving problems in science and engineering.
- Emphasis on program design, including data structures, computational complexity, scientific computing environments, and high-performance software packages.

## SKILLS

### Technical Skills

Java, Python, C++, C, SQL, Linux/Unix, Git, Valgrind, Vim, VS Code, Pycharm, IntelliJ IDEA, Linear Algebra, Discrete Structures

### Soft Skills

Team Player, Results Motivated, Patient, Logical Thinker, Adaptable, Quick Learner, Analytical, Creative Thinker, Communicative

## PROJECTS

### STEM Turing Machine Simulator (12/2020 - 04/2021)

- Collaborative Java based project working with the JavaFX graphics library.
- A fully functioning Turing machine simulator that visually represents the machine as a collection of states and transitions.
- Shows a step-by-step representation of a Turing machine tape and how it changes with each transition.

### LeafNote (08/2020 - 12/2020)

- Collaborative Python based project using the PyQt GUI toolkit.
- A sleek note-taking application that allows the user to use and save multiple formatted notes with a custom proprietary file format.
- Features a text summarizer using GloVe's pre-trained word vectors and a modified text rank algorithm.

### Infinibuilder (01/2020 - 04/2020)

- Collaborative Java based project working with the JavaFX graphics library.
- 3D open-world game using simplex noise algorithms for infinite terrain generation.
- Features randomly generated mazes, shortest paths, and inventory systems.

## VOLUNTEER EXPERIENCE

### Life Without Limits (02/2019 - Present)

Founding member and project leader of a club to use engineering to aid people with disabilities.

### Volhacks (02/2021 - Present)

Co-president of a club that puts on a yearly hackathon at the University of Tennessee, Knoxville.

### Generations Connected (08/2017 - 05/2018)

A club to teach the elderly one-on-one how to use modern technology.

## INTERESTS

Artificial Intelligence

Analytics

Baseball

Video Games

Puzzles

Chess