

Hudson Chromy

hjc0018@auburn.edu | (719) 373-4965

[LinkedIn.com/in/hchromy](https://www.linkedin.com/in/hchromy) | [GitHub.com/hudsonchromy](https://github.com/hudsonchromy)

HudsonChromy.com

Experience

Undergraduate Research, Auburn University | January 2019 - Present

- Developed 3D video game called Polyfold ([GitHub.com/andrewjmcgehee/polyfold](https://github.com/andrewjmcgehee/polyfold)) in **Java** made to crowdsource information regarding protein folding.

Day Care Provider, Sacred Heart Catholic School | May 2018 - August 2018

- Responsible for safety and entertainment for kids age 3- 9. Taught robotics and various science experiments to get kids interested in STEM.

Cyber Security Intern, Summit Technical Solutions | June 2017 - July 2017

- Created system of recording employee software to consolidate information in company of over 300.
 - Worked with Penetration Testing and Cyber Intelligence companies in area to ensure Department of Defense security standards were met and exceeded.
-

Extra Curriculars

Auburn Association for Computing Machinery

- Vice President - Responsible for club outreach and developing program for new members.
- Competitive Programming Team - Competed in **Python** for spot on top team, placed 8th out of 82 teams at ICPC (International Collegiate Programming Competition) 2018 - Division II.

FIRST Robotics

- Vice President of Electronics - Led a team of 10 to build and maintain electronics of tasks on six robots through organization and delegation. Team went to National competition three out of four years in high school.
-

Education

Auburn University, Software Engineering | August 2018 - May 2022

- 3.83 GPA
 - Relevant Classes: Introduction to Software Engineering, Fundamentals of Computing, Data Structures and Algorithms
-

Projects

Portfolio Website | HudsonChromy.com

- Website developed in **HTML**, **CSS**, and **Javascript** that shows off my personal projects, competitive programming problems, and research.

Algorithm Visualizer | HudsonChromy.github.io/website/visualizer.html

- Application developed in **Javascript** made to visualize Breadth First Search and A Star algorithm to help teach the Competitive Programming Team.

Javadoc Comment Maker | [GitHub.com/hudsonchromy/javadoc-comment-maker](https://github.com/hudsonchromy/javadoc-comment-maker)

- Program made in **Java** used to speed up the task of writing checkstyle current Javadoc comments with return and parameter tags.