

Katelyn Kunzmann

Computer Science Student



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<https://katelynkunzmann.github.io/my-portfolio/>



<https://github.com/KatelynKunzmann>

SUMMARY

Highly motivated in team settings, collaborative, communicative, easily adaptable, and a quick-learner with a passion for computer science. Seeking to obtain an internship or co-op focusing on either software engineering, software design, or data analysis/management where my skills and abilities can be effectively utilized and improved upon.

COMPUTER SCIENCE COURSE WORK

08/2022 – 12/2022	Applied Cryptography and Network Security – University of Pittsburgh Covered common cryptographic algorithms and protocols and how to use them to secure computer networks and distributed applications.
08/2022 – 12/2022	Cryptocurrencies, Blockchains, and Applications – Carnegie Mellon University An overview of technological mechanisms such as distributed consensus and distributed ledgers. Also focuses on common attacks, anonymity, scalability, smart contracts and legal/policy questions.
05/2022 – 08/2022	Data Structures and Algorithms 2 – University of Pittsburgh Covered a broad range of algorithms for searching, encryption, compression, graphs, and dynamic programming.
05/2022 – 08/2022	Software Engineering – University of Pittsburgh Topics covered: requirements analysis, software methodologies with an emphasis on SCRUM, design patterns, architectures, diagrams, and UML modeling. Semester-long group project in which students implement a software product from its specification.
01/2022 – 05/2022	Programming for Web Applications – University of Pittsburgh Built web-based applications and network applications using the JavaScript language.
08/2021 – 12/2021	Software QA – University of Pittsburgh Learned about testing theory, software testing: manual and automated tests, test-driven and behavior-driven development, performance testing, and understanding as well as developing a testing process.
05/2021 – 08/2021	Computer Organization and Assembly Language – University of Pittsburgh Studied the components of computing systems common to most computer architectures.
05/2021 – 08/2021	Intro to Systems Software – University of Pittsburgh Covered device interfaces and hardware synchronization at the lowest level of the operating system.

EDUCATION

08/2020 – 05/2023	Computer Science School of Computing and Information - University of Pittsburgh, PA
08/2017 – 08/2020	General Community College of Allegheny County, PA

SKILLS

- Programming Languages: Java, Python, C, HTML&CSS, JavaScript, Solidity, Go, assembly/x86
- Development tools: Git, Linux, JUnit testing, React, VueJS, SQLite, threeJS, ViteJS, Postman, Selenium, VisualVM, Ganache