

Nathan Jacob Cohen

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Objective

Highly motivated, adaptable and skilled computer scientist looking for a summer internship in systems programming and security.

Education

Purdue University, West Lafayette, Indiana
Bachelor of Science in Computer Science
Certificate of Entrepreneurship

Aug 2017-May 2021
GPA: 3.72/4.0

Professional Experience

Discover Financial Services, Deerfield, Illinois

Software Developer Intern

May 2019-Aug 2019

- Wrote secure backend code for web applications, in a test-driven-development environment.
- Added enhanced authentication to API calls made in legacy projects.
- Implemented 120+ test cases to ensure functionality and security at the production level.

Purdue University, West Lafayette, Indiana

Teaching Assistant & Volunteer Work

May 2018-Present

- Wrote homework assignments, labs, and projects for the introductory computer science course.
- Assisted professor in Introduction to Computer Science and Data Structures and Algorithms.
- Organized and directed a 4-week computer science course to kids from low socioeconomic families.

Leadership

Alpha Epsilon Pi, West Lafayette, Indiana

Philanthropy Chair

Aug 2018-Present

- Pioneered organizations first ever philanthropy event and raised over \$2,100 for Gift of Life.
- Directed a year-long committee of 7 members to raise 315% more money than previous year.
- Received recognition for best philanthropy improvement over 150+ chapters worldwide.

Relevant Coursework

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|--------------------------------|--------------------------|
| • Object Oriented Programming | • Systems Programming |
| • Programming in C | • Operating Systems |
| • Discrete Math | • Information Systems |
| • Computer Architecture | • Analysis of Algorithms |
| • Data Structures & Algorithms | • Computer Networks |

Skills

- | | |
|---------|------------------------------|
| • Java | • Spring Boot |
| • C | • Test Driven Development |
| • C++ | • SQL |
| • JUnit | • Relational Database Design |

References

David Hasmonnek – Discover Financial Services
Senior Manager
davidhasmonnek@discover.com

Victory Soe – Purdue University
Instructional Laboratory Coordinator
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