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| Ethan Cox  Computer Scientist | He/Him | Street Name, City, State  Phone Number | Email Address  [LinkedIn](http://www.linkedin.com/in/ethan-r-cox/) | [GitHub](https://github.com/EthanC2) | [ACM Profile](https://member.acm.org/~ethancox) | |
| A driven, well-rounded student with a strong foundation in systems programming pursuing higher education to challenge himself intellectually and advance the field of computer science. Involved in the local community as president of two clubs and an ACM representative as well as the open-source community by maintaining and contributing to projects. | | |
| ExperienceSOFTWARE ENGINEER INTERNPrincipal Finance | Des Moines, IowaSummer 2023 Software engineer intern for a retirement investment firm. Maintained, extended, and documented an in-house fork of the full-stack web application framework Next.js. Collaborated with infrastructure and reliability teams to design and implement a failover solution that guaranteed 99.9999% uptime for business-critical web applications hosted with Amazon Web Services (AWS). Redesigned cloud architecture to improve visibility and automatically failover based on metric thresholds. | | |
| COMPUTER SCIENCE TUTORHigh Point University | High Point, North CarolinaFAll 2020 – FALL 2022 Peer tutor for introductory and advanced C++ programming courses. Supported students academically by reviewing and clarifying class content and empowered them to be self-sufficient by sharing effective learning techniques (resources, study habits, and experienced-based tips). | |
| EducationBAchelor of science in computer science, specialization in cybersecurityHigh Point UniversityMAY 2024  * President of the HPU Computer Science Society (code and cybersecurity clubs) * Dean’s List Recipient: [Fall 2020](https://www.highpoint.edu/academics/dean-list/fall-2020/), [Spring 2021](https://www.highpoint.edu/academics/dean-list/spring-2021/), [Fall 2021](https://www.highpoint.edu/academics/dean-list/fall-2021/), [Spring 2022](https://www.highpoint.edu/academics/dean-list/spring-2022/), [Spring 2023](https://www.highpoint.edu/academics/deans-list/) * Achieved [74th out of 3,600 teams](cyberskyline.com/report/5NKJCB44R34U) (top 2% nationally) in the team game of the NCL hacking competition. * 3.71 GPA | | |
| HARD SKILLS   * Operating Systems (CSC-4210) * High Performance Computing (CSC-4310) * Networking and Network Programming (CSC-3460) | SOFT SKILLS   * Work ethic, ambition * Leadership, active community involvement * Natural curiosity | |