

Noah Z. Rubin

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EDUCATION

The Pennsylvania State University, Schreyer Honors College
Bachelor of Science in Computer Science, College of Engineering

Spring 2021
GPA: 3.95/4.00

WORK EXPERIENCE

Google

May 2019 – August 2019

Software Engineering Intern

Sunnyvale, CA

- Worked on an internal performance monitoring tool for Google's mobile developers that collects and processes billions of data points daily from Google's first-party iOS and Android apps
- Designed and implemented a feature that allows users to associate Buganizer (Google's issue tracking system) issues with error messages from apps
- Helped foo.bar, the secret hiring and outreach program through which I got my internship, implement a relaunch email

Penn State Computer Science Department

August 2018 – May 2019

Learning Assistant, CMPSC 101 and CMPSC 132

University Park, PA

- Explained concepts and answered students' questions during recitation classes and office hours
- Graded assignments with meaningful feedback

Marlette Funding / Best Egg

May 2018 – August 2018

Technology Intern

Wilmington, DE

- Collaborated with all business areas to plan and build a brand-new customer-facing dashboard
- Built a login system with support for single sign-on and single log out based on Amazon Cognito

Delaware Dry Goods

September 2017 – May 2018

Contractor, App Development

- Built custom iOS and Android apps to scan barcodes of company products and submit orders
- Communicated and tested with staff to optimize the app to suit their needs

Lockheed Martin Corporation: Enterprise Business Systems

July 2017 – August 2017

High School Student Tech

Valley Forge, PA

- Developed high quality software to enhance various departments within Lockheed Martin
- Helped develop a mobile app to engage potential hires through news updates and trivia

LEADERSHIP & ACTIVITIES

Schreyer Honors College Recruitment

September 2017 – Present

Scholar Ambassador

University Park, PA

- Participated in panels for and gave tours to prospective and accepted students
- Hosted prospective students for an overnight program

CodeLM Programming Competition

January 2015 – Present

Founder

Ardmore, PA

- Created a programming competition for Computer Science students
- Led a team to develop balanced problem sets and plan event logistics
- Collaborated with a corporate sponsor to receive funding and expertise
- Hosted over 100 competitors from area high schools annually for three years

Educational Programming YouTube Channel

January 2013 – Present

Video Creator

- Created over 400 videos teaching a variety of programming languages and frameworks
- Interacted with an audience of over 14,000 subscribers and over 2.3 million views

SKILLS

Programming Languages: Python, TypeScript, JavaScript, Swift, Java, Kotlin, HTML, (S)CSS

Frameworks: Angular, Express, NodeJS, iOS SDK, Android SDK, Django, Flask

Other: Linux server management, Git, MongoDB, SQL, Docker, Kubernetes

Languages: Spanish (Proficient)

AWARDS & ACCOMPLISHMENTS

Hackathons: HackPSU 2019S (winner, best domain name), 2018W, 2018S, 2017W, PennApps 2018W

Competitions: ICPC Regionals 2018, CodePSU 2018 (3rd place, intermediate), Lockheed Martin CodeQuest (2nd place), Widener University's programming competition (1st place, two years), PA Computer Fair Regionals (1st place, programming)

Awards: Penn State President's Freshman Award, Representative Tim Briggs Community Service Award, National Merit Scholarship Finalist, Schreyer Academic Excellence Scholarship, St. James School "Next Generation" Volunteer Award