Nicholas N.

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SUMMARY

I am passionate about data science, cryptography, software development, and cybersecurity. I am also interested in music, economics, cryptocurrency, and quantitative finance. I am a results-oriented professional with a diverse skill set. I am adaptable, have strong problem-solving abilities, and am an effective communicator. Furthermore, I am a dedicated team player with a commitment to driving success through collaboration and innovation and am eager to contribute my skills and passion to a dynamic work environment.

EDUCATION

- **The College of New Jersey** — Ewing, NJ
  Bachelors of Science in Mathematics. — *Aug. 2020 - May 2024*

EXPERIENCE

- **CircleSquared** — San Mateo, CA
  Intern — *Jun. 2021 – Aug 2021*
  - **Description**: Conducted statistical analysis on various backflow, temperature, and pressure data.

- **HackerOne** — Freelance
  Security Researcher — *Nov. 2019 – 2021*
  - **Description**: Reported security vulnerabilities on behalf of HackerOne's bug bounty program. Some of my preferred hacking tools include Burpsuite, SQLMap, and XSSstrike.

- **Paris and Chaikin PLLC.** — New York,NY
  Legal Intern — *Jun. 2019 – Aug. 2019*
  - **Description**: Filed various legal documents (e.g. POAs, retainer statements, invoices, authorizations and etc) into Smart Advocate.

- **Postmates Inc.** — Freelance
  Courier — *Nov. 2017 – Nov. 2018*
  - **Description**: Delivered food and beverages from restaurants to customers by bicycle.

PROJECTS

- **Valorant Cheat**: External Valorant cheat. The offsets are outdated and it is most likely detected by the Riot Games anti-cheat. Made with C/C++ and Imgui.
- **nnmax1-ebooks.web.app**: A website where people can search through a database of e-books. The back-end of the website is built with Golang, Mux, and PostregresQL. The front-end of the website was built with HTML, CSS, JQuery, and JavaScript. Site is up, but backend is currently down (hosted w/ Heroku).
- **Reddit Meme API**: Summon a random meme at will with the power of a simple http GET request. This was built with flask and an RSS feed parser.

PROGRAMMING SKILLS

- **Languages**: C, C++, Golang, Rust, Swift, Python, Java, MATLAB, HTML, CSS, and Javascript.

- **Technologies** : git, relational databases, Flask, Node.js, React.js, SwiftUI, Parse, AWS, MongoDB, and Firebase

COURSEWORK

Calculus 2, Statistical Inference, Multivariable Calculus, Chemistry, Linear Algebra, Discrete Mathematics, Data Structures and Algorithms, Cryptography and Coding Theory, Mathematical Logic, Abstract Algebra, Multivariate Statistics, Real Analysis, Number Theory, Topology, Computational Mathematics, and Graph Theory