Noah Chong

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EDUCATION

Georgia Institute of Technology   **Dec. 2021**
B.S. Computer Engineering, 3.5 GPA   Atlanta, GA
- Dean's List, Faculty Honors – 5 semesters
- Studied abroad at NTU, Singapore – Spring 2021
- Founder of the Georgia Tech Boxing Club and Blockchain Development Club
- **Coursework**: Mobile Apps, User Interface Design, Database Systems, Digital Signal Processing, Computer & System Architecture (MIPS, FPGA), Computer Communications & Networking, Object Oriented Programming (C++, Java)

SKILLS & INTERESTS

Languages: (Actively Using) C#, SQL, JavaScript, Solidity
                         (Experience Using) C, C++, NoSQL, Python, Java
Web Development: .NET, MVC, HTML/CSS, Node.js, Ajax, jQuery, React, Crypto.js
Technologies: Git/Bitbucket, JIRA, LINQ, Unix/Bash, Cloud (Azure/AWS), Unity/UE4, AR/VR, Blockchain
Other: Public Speaking, Agile Methodologies, RESTful Development, Encryption, UX

WORK EXPERIENCE

Software Developer   **May 2019 – Present**
Georgia Tech Research Institute   Atlanta, GA
Project 1: Undergraduate Research Internship Program (URIP)
- Self-managed development as the only developer on a multi-department, 200+ user, client-facing app
- Repaired the build process for the URIP website, with minimal documentation, using C#, MVC and MS-SQL
- Regularly communicated with and tested features for users of the site—cleared 1+ years of JIRA backlogged issues
- Designed descriptive logs and detailed documentation detailing the build and development process
- Created 3 key improvements that significantly improved application-processing efficiency and the ability to get user feedback, including a mass resume downloader and the ability to flag applicants

Projects 2 & 3: Quick Reaction Handbook (QRH) and MOSA
- Led a small team of 2, maintaining and developing production apps for large defense clients
- Acclimated quickly to new development environments and tooling, including Xamarin and Node.js
- Facilitated sprints & code reviews with management at least 1 time a week
- Learned how to version control and write documentation for well-established enterprise projects

Technology Lead   **January 2021 - Present**
Harpie   Atlanta, GA
- Oversee backend development and customer acquisition, acquiring 30+ customers during Open Beta
- Deployed harpie.io from the ground-up in 2 months using Microsoft Azure Cloud, .NET, and Crypto.js
- Designed an asymmetric, zero-trust encryption scheme using AES256 and SHA3
- **1st Place** TAMID Pitch Competition, **2nd Place** HackAfrica Blockchain Hackathon

PROJECTS

Frontend Lead   **August 2020 - Present**
Senior Design: IntelliBus
- Created an interactive dashboard that visualizes and analyzes human congestion on public transit
- Integrated open-source frameworks and APIs into the project, including Node.js, Express, and OpenLayers GIS
- Collaborated with IoT and Hardware teams through Github to organize code and reduce merge conflicts
- Managed an AWS EC2 instance and CI/CD tooling for development and deployment