

Andrew Chun

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OBJECTIVE:

Hard-working, intellectually curious individual with strong teamwork and communication skills, seeking an internship or full-time position to hone and apply my skills. Bringing experience with full-stack development, data science, and agile development process, utilized in internship with early-stage startup this summer.

EDUCATION

University of North Carolina at Chapel Hill – Chapel Hill, NC
Computer Science and Statistics; Astronomy Minor

August 2018 - May 2022

Selected Coursework: • Data Structures and Algorithms • Computer Organization • Files and Databases • Modern Web Programming • Methods of Data Analysis • Algorithms and Analysis

Honors and Awards

- SIEMENS Competition Semifinalist, National Merit Finalist, National AP Scholar, North Carolina Scholar Award

TECHNICAL SKILLS

- **Skills/Interests:** Full-stack development, data science, blockchain, scientific research, relational database management
- **Languages:** MATLAB, Java, JavaScript, C++, C, R, Python, HTML/CSS, MIPS Assembly, Solidity, SQL
- **Technologies/Others:** React, NodeJS, Flask, Bootstrap, Bulma, agile methodology, Docker, git, REST, Angular, jQuery

EXPERIENCE

Software Engineering Intern, BlockChain Center

January 2021 - current

Organization dedicated to growing the blockchain sector through open-source projects and community initiatives

- Participate in and contribute to educational initiatives
- Contribute to company-initiated open source projects

Software Intern/Growth Intern, Omneky

April 2020 - August 2020

Numerous flexible responsibilities for an emerging machine learning-based startup

- Prototyped photo-editing functionality for product, using JavaScript/CSS/HTML
- Developed web application to automate creation of slide decks for potential customers
- Worked with customers to develop ad campaigns
- Helped construct sales infrastructure and playbook thru A/B testing, analysis of consumer base ad performance

Learning Assistant, UNC-Chapel Hill Computer Science Department, Chapel Hill, NC

January 2020 - May 2020

Learning Assistant for COMP 576 (Mathematics for Image Computing)

- Utilize MatLab to create assignments based around image processing and analysis using real image computing objectives
- Host weekly office hours and teach students on a one-on-one basis

Research Intern, University of Florida Astronomy Department, Gainesville, Florida

June 2016 – January 2018

- Conducted research improving precision of the radial velocity exoplanet detection method, specifically investigating improved usage of fiber optics
- Co-author on research paper accepted by American Astronomical Society and won SIEMENS Competition Semi-Finalist

PROJECTS

The Zap Project (<https://github.com/zaproject>)

- Multiple PRs to large scale open-source project
- Currently in the process of implementing Zap Project into JavaScript and C++

HandOff (HackDuke Best Hack award winner in the Non-Profit track)

- Developed ride-share/carpool & communications platform, connecting 95% of local non-profit Reality Ministries volunteers lacking transportation options, to increase volunteer event turnout
- Utilized JavaScript, MapBox API, and Python with features such as a heat map and internal event marketing tool
- Funded by Duke to implement in general Durham community

Guessify (<https://guessify.rocks>)

- Developed web game in which users guess song artists or song names in timed rounds
- Utilized JavaScript, HTML, CSS, Firebase, Spotify API