

NARON CHEN

804-467-9958 | naron.chen@richmond.edu | naronchen.github.io | linkedin.com/in/naron | github.com/naronchen

SKILLS

Languages	JavaScript/TypeScript, C#, C++, Python, Java, SQL
Courses	Full Stack Development, , Cloud Computing, Machine Learning, Software Testing
Frameworks	React, Express, Angular, Node, .NET, Git

CERTIFICATIONS

AWS Certified Developer - Associate validation link	Sep 2023 - Sep 2026
<ul style="list-style-type: none">- Proficient in developing, deploying, and debugging cloud-based applications- Showcased knowledge of core AWS services & architectures best practices	
CodePath Web Dev - Intermediate validation link	Sep 2023 - Sep 2026
<ul style="list-style-type: none">- Demonstrated ability in complex full-stack web application development	

WORK EXPERIENCE

Software Engineer Intern - Bentley Systems	Philadelphia, May 2023 - Aug 2023
<ul style="list-style-type: none">- Constructed C# RESTful API for cloud-based wind turbines structural testing- Developed full-stack .NET application to offload structural analysis with Azure DevOps's CI/CD- Ensured 99% reliability with exception handling, multi-level logging and XUnit testing	
Software Engineer Intern - Datasteps Inc	Tokyo, June 2022 - Aug 2022
<ul style="list-style-type: none">- Implemented scalable APIs in Agile environment to support internal web tools- Doubled weekly visitors by rewriting company's webpage with React/Typescript- Shortened 15% of revenue engine's response time by optimizing performances in API	
Algorithm Researcher - University of Richmond	Richmond, May 2021 - July 2021
<ul style="list-style-type: none">- Established C++ based testing platform for 100+ hospitals on Liver Allocation Optimization- Raised 50% system efficiency by developing a min-cost max-flow algorithm with C++	
Data Analyst Intern - Loopring	Shang Hai, May 2020 - August 2020
<ul style="list-style-type: none">- Integrated machine learning ARIMA model to company's decision model with Python	

PROJECTS

Blur 🗄 https://blur.school/ anonymous Q&A forum for students	Oct 2022 - Present
<ul style="list-style-type: none">- Deployed on AWS EC2 instance with reverse proxy using NGINX- Utilized React/Typescript at front-end, and Express.js at back-end- Enabled OAuth2.0, set up Cockroach DB & utilized ORM to perform CRUD- Implemented admin roles and management API, enabling granular permission control	
Chaos Log 🗄 https://chaoslog.netlify.app/ Atomic Habits Tracking App	April 2023 - Present
<ul style="list-style-type: none">- Gained 50+ unique active users, handles 1500+ API request weekly- Utilized React/javascript at front-end, Supabase's PostgreSQL database as back-end- Enabled secure authorization rules through PostgreSQL's Row Level Security	
Social Sentiment Stock Prediction Model 🗄	Jan 2023 - May 2023
<ul style="list-style-type: none">- Achieved over 65% accuracy implementing & fine-tuning SVM, KNN and LSTM model	

EDUCATION

University of Richmond, Richmond VA	May 2023
<ul style="list-style-type: none">- BA in Computer Science, Minor in Data Science & Film Studies- Cumulative GPA: 3.6, Major GPA: 3.71- Honors: Presidential Scholar, Dean's List(Fall 2019 - Spring 2023)	
University of Edinburgh, School of Informatics (study abroad)	Jan 2022 - May 2022

LEADERSHIP ACTIVITIES

Vice President - Association for Computing Machinery	Jan 2021 - May 2023
<ul style="list-style-type: none">- Built University's ACM website (acmurichmond.github.io) & cs resource website (www.bestcs.dev)- Worked as Scrum Master for a group of 15 people on mental health app dev using Firebase & Flutter	