Steven Yuan

s.yuan.all@gmail.com ❖ 732-861-7552 ❖ linkedin.com/in/steven-yuan ❖ github.com/syall ❖ portfolio.syall.work

EDUCATION

Rutgers University – New Brunswick   **May 2021**
BS in Computer Science   *New Brunswick, NJ*
- GPA: 3.831, Dean's List every Semester
- Honors College Trustee Scholar, Computer Science Department Honors

WORK EXPERIENCE

Amazon.com, Inc.   **June 2020 – August 2020**
Software Development Engineer Intern   *Seattle, WA*
- Designed and Implemented the Architecture for an Automated Pipeline scaled for Hundreds of Millions of Orders in Amazon Delivery Technology (details subject to Confidentiality Agreement)

iCIMS, Inc.   **June 2019 – August 2019**
Software Engineering Intern   *Holmdel, NJ*
- Architected a Full-Stack Web Application to manage OpenAPI Contracts with Custom Versioning
- Designed Front-end Components (React) with Data-Fetching from Versioned S3 Buckets
- Implemented a Microservice (Express) to configure Contracts and serve the Application
- Deployed the Application with Infrastructure-as-Code (Jenkins, Ansible) to AWS EC2 Instances
- Guide Teams to Adoption in existing CI/CD Pipelines (Jenkins) with Documentation

SKILLS

Programming Languages: JavaScript (Browser with HTML5/CSS3, Node.js, TypeScript), Java, Python, C, Ruby
Frameworks & Tools: Angular, React, Express, Jest, Jekyll, WordPress, Spring, Ansible, Jenkins, ANTLR4
AWS Services: Lambda, EC2, DynamoDB, S3, SQS, SNS, EventBridge, IAM, CloudWatch, CloudFormation
Processes & Platforms: Scrum, Kanban, Gitflow, Atlassian (JIRA, Confluence, Bitbucket, Trello), GitHub
Interests: Programming Language Design, Compilers, Program Synthesis, Software Architecture, Technical Writing

PROJECTS & ACTIVITIES

Twitter as a Database
- Code: github.com/syall/twitter-as-a-database, Hosted: https://twitter-as-a-db.herokuapp.com
- Express & Jest with OpenAPI – Database with Custom Schema stored in Hashtags using Twitter's API

Cellular Automata Generator
- Code: github.com/syall/automata-gen, Hosted: https://automata-demo.syall.work
- TypeScript & React – Cellular Automata Generator with Iteration Hooks, Demo written with React

Compiler
- Code: github.com/syall/compiler, Hosted: https://compiler.syall.work
- TypeScript & HTML/CSS/JS – Hand-rolled Programming Language with Demo written with Monaco Editor

Spell Checker
- Code: github.com/syall/spell-checker, Hosted: https://spell-checker.syall.work
- Node.js & HTML/CSS/JS – A per word Spell Checker using edit distance and word probability as heuristics

Rutgers Christians on Campus Club
- President (Fall 2020 – Present) – Coordinate event series over virtual environment with fellow members
- Web Master (Fall 2017 – Spring 2020) – Maintained Jekyll site at https://ruchristiansoncampus.github.io