

Rito Tanaka

rt7@williams.edu | 413-652-9886

EDUCATION

Williams College

Sep 2019 – Jun 2023

B.A. in Computer Science

- GPA: 3.67 / 4.00, Dean's List
- Courses: Data Structures, Algorithms, Computer Organization, PL, Statistics, Causal Inference

EXPERIENCE

The Washington Post

Jun 2021 – Aug 2021

Software Engineer Intern

- Automated the provisioning process for media organizations onboarding Arc XP using Golang and Postgres, saving ~800 hours of manual work per year
- Migrated Node.js canary tests in Amazon CloudWatch Synthetics to custom synthetic test suite in Golang, cutting costs by 95%
- Developed internal time zone syncing tool using Slack API to match up programmers for pair PR reviews

Williams College

Sep 2020 – May 2021

Computer Science Teaching Assistant

- Hosted TA sessions 2-3 times per week for *Data Structures* to help students with concepts and lab assignments, graded homework, and gave personalized feedback

MakeLeaps

Apr 2020 – Aug 2020

Software Engineer Intern

- Implemented double-entry bookkeeping transaction views using AngularJS, Python, and Django, improving the accuracy of financial statements for clients with an accounting background

PROJECTS

Plexus Notes – <https://plexusnotes.com>

- Worked with two developers to create a graph-based note-taking application using Typescript and React for the frontend, Cytoscape for the graph model, and Firebase for the backend
- Implemented a note uploading feature to increase user retention rate by 82%

WSO Mobile App – <https://apple.co/2TojW5e> (App Store)

- Led team of four to create an online food ordering app using React Native for a student-run coffee shop in response to COVID-19 social distancing measures, handling ~1000 weekly orders
- Mentored newcomers and was liaison to collaborating Frontend and Backend teams

Williams Ultimate Frisbee Website – <https://williamsultimate.com>

- Created a website for college ultimate team using React for wider recruitment and alumni reach

SKILLS

- Languages: Java, Python, Golang, Typescript, Javascript (React, AngularJS, Node.js), Scala, C (familiar)
- Tools / Technologies: React Native, Django, AWS, MySQL, MongoDB, Postgres, Kafka, Docker

LEADERSHIP

- WSO – *Co-president*: Oversee projects and members for the largest CS club on campus (50+ students)
- CS Student Advisory Committee – *Class Rep*: Represent CS majors' voices in department discussions