

Ryan Ng

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WORK EXPERIENCE

Charles Schwab

Software Engineer

Sept. 2020 – Present

Austin, TX and San Francisco, CA

- Built large scalable client-facing applications used by millions of Schwab customers and thousands of Schwab client representatives. The frontend of the apps were written in JavaScript, and the backend was written in C#. Deployed using Pivotal Cloud Foundry (PCF)
- Prepared and tested our applications to ensure they can handle the load of millions of TD Ameritrade accounts being converted to Schwab accounts
- Built internal code libraries used by numerous other development teams within Schwab. Code libraries were written in C#
- Onboarded and supported multiple teams looking to integrate with our applications. Many of these teams were dealing with customer volume from the thousands to the millions
- Created Bamboo CI/CD build pipelines and deployment plans for multiple teams and applications
- Troubleshooted DevOps issues, which included CI/CD build and deployment failures, for multiple teams within Schwab
- Wrote and maintained numerous unit tests across all applications to ensure all scenarios were covered and that code coverage was as high as possible
- Automated numerous QA regression scenarios by writing Behavior Driven Development (BDD) tests
- Led and managed the deployment of applications to production, from creating the change tickets to overseeing the actual deployment process during the release windows
- Participated in on-call support rotations
- Worked closely with external vendor companies to troubleshoot issues in production

Ringo AI

Software Engineer Intern

Jan. 2020 – July 2020

Santa Cruz, CA

- Created a full stack web app that would display Hyperspectral Images and plot the data associated with it
- Worked on the API that returned the spectral data to the web app

EDUCATION

University of California, Santa Cruz

BS in Computer Science

Sept. 2016 - June 2020

Santa Cruz, CA

- 3.41 GPA
- UCSC Dean's Honors List Recipient in 2017, 2018 and 2019

LANGUAGES, TECHNOLOGIES, SKILLS, CERTIFICATIONS & AWARDS

- **Languages:** C#, JavaScript, Java, SQL
- **Technologies:** Microsoft .NET, Bamboo CI/CD, Pivotal Cloud Foundry (PCF), RabbitMQ Message Broker, Angular, Specflow, Moq
- **Skills:** Scrum, API Development, Test Driven Development, Behavior Driven Development, CI/CD Pipelines, Cross-Team Collaboration
- **Certifications:** MTA 98-361 Software Development Fundamentals, Professional Scrum Developer I
- **Awards:** CTS 2021 October Innovation Champions, UCSC Dean's Honors List Recipient, Eagle Scout