

Yash Chowdhary

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE

B.COMP IN COMPUTER SCIENCE
May 2020 | Singapore
Cum. GPA: 4.59 / 5.0

GEORGIA INSTITUTE OF TECHNOLOGY

BS IN COMPUTER SCIENCE
EXCHANGE STUDENT
Jan - May 2019 | Atlanta, GA
Semester GPA: 4.0/4.0

LINKS

Github:// [yash-chowdhary](#)
LinkedIn:// [yash-chowdhary](#)

COURSEWORK

UNDERGRADUATE

- Specialization in Artificial Intelligence - Machine Learning, Computer Vision, and Neural Networks
- Specialization in Computer Security
- Teaching Assistant - Programming Fundamentals, Computer Organization

SKILLS

PROGRAMMING

• Java • Python • Javascript • C/C++

WEB DEVELOPMENT

• React.JS • ExpressJS • NodeJS

TEST FRAMEWORKS

• Pytest • JUnit • Mocha+Chai

OTHERS

• ML and Python Scripting • AWS S3
• AWS Lambda • ElasticSearch • Git
• Amazon DynamoDB • Terraform
• CI/CD • Kubernetes

AWARDS

- Certificate of Distinction in Computer Security Focus Area
- NUS Science & Technology Scholarship

EXPERIENCE

GOLDMAN SACHS | SOFTWARE ENGINEERING ANALYST

July 2020 – Present | Singapore

- Margin, Collateral and Valuations
- Federal Reserve Bank Resiliency Deliverable: **Set up** resources of one of the firm's largest set of microservices as an easily maintainable and deployable estate resilient to failures and outages using **Terraform** (IaC).
- Kubernetes (K8s) Onboarding: **Onboarded** products owned by the Margin team to **Kubernetes**. Required a **strong understanding** to translate each product's requirements into the K8s context. Involved analysis and discussions on design and architecture of existing products, and devising strategies to onboard the products to K8s.
- Regulatory Requirement Enhancement: **Delivered** a regulatory requirement that was time-critical in order to protect the firm. Involved discussions on **design, architecture** and **approach** of the implementation for the **service enhancement**.
- Tech Risk Enhancement: **Secured** all services across the Margin Platform with JMX authentication; Involved understanding the nuances of each product in the process - how products/services were structured, run, and deployed.

AMAZON | SOFTWARE DEVELOPMENT ENGINEER INTERN

June 2019 – Aug 2019 | Berlin, Germany

- Amazon Translate - Alexa Search Domains
- **Designed and developed** an internal dashboard to manage and organize metrics emitted by tasks run by the development and research teams.
- **Optimized** current means of conveying results of workflows required by various teams.
- **Enabled quick decision-making** for Technical Program Managers (TPMs) and research teams to convey results and carry out further inspections

AUTODESK | SOFTWARE ENGINEERING INTERN

May 2018 – Oct 2018 | Singapore

- Oxygen - Cloud Platforms
- **Developed SDKs** in C#, Python, Java, JavaScript, and Ruby. SDKs wrapped an exposed API -included unit-tests and a CI/CD pipeline.
- **Developed sample applications** to depict how the SDKs can be consumed.
- SDKs included **unit-tests, documentation, and CI/CD pipelines** for certain SDKs.

PROJECTS

OUTCOGNITO Jan 2018

- Developed a Chrome extension which is the opposite of incognito
- It tweets out all of your activity, to make sure you escape no embarrassment on your seamlessly benign browsing session
- Awarded 'Most Annoying Hack' in NUS' annual student hackathon - Hack Roll

FIND AND SEEK Oct 2018

- Web application that allows users to upload videos and search for specific keywords and text that appears in it, and let them seek to those instances in the video.