Yesh **Chandiramani**

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Education

University of California, Santa Cruz — *Santa Cruz, CA*
BS in **Computer Science,** GPA: 3.96, Dean's Honors List — *Expected 2024*

Certification in Data Science and Machine Learning — *Singapore*
7 week intensive bootcamp hosted by UpCode Academy Singapore — *Summer 2018*

Experience

Solo — *Seattle, WA*
Software Engineer Intern — *May 2021 - Aug 2021*
- Programmed **2** mobile app scrapers inducing more thorough data collection and a **10%** increase in gig platform coverage
- Developed **backend API** routes in **Ruby on Rails** for homepage leading to **23%** more traffic to the platform's jobs marketplace
- Deployed a **Node.js** script on **Heroku** that checks for the app's uptime resulting in **100%** less unscheduled app downtime

TradeGecko — *Singapore*
Software Engineer Growth Intern — *June 2017 - July 2017*
- Redesigned B2B e-commerce platform resulting in **18%** more engagement from incoming potential customers
- Tailored **SEO** of our customers' store pages, ranking as the **top search engine result** and boosting customer sales by **12%**
- Collaborated on large codebases using **Ruby on Rails and Ember.js**, contributing to a variety of legacy projects by utilizing a streamlined **git** workflow

Leadership

Delta Sigma Pi - Data Bros Committee — *Santa Cruz, CA*
President — *Mar 2021 - June 2021*
- Designed a **3 month curriculum** to **teach** members the basics of **data science and analysis** in **Python** using Data Camp
- Oversaw a **final project** (Pi Chi Spotify Wrapped) to demonstrate our learning of data science and analysis

Delta Sigma Pi — *Santa Cruz, CA*
Vice President of Professional Activities — *Dec 2020 - May 2021*
- Organized **6 virtual professional events** including a **Diversity, Equity, and Inclusion** event for over **40 members** on Zoom
- Assisted in attaining the status of **Chapter of Recognition** for the **first time in 5 years**

Singapore Armed Forces — *Singapore*
3rd Sergeant, Infantry Specialist — *Oct 2018 - July 2020*
- Led **a group of 6** through day to day Medical Board Center tasks such as medical board scheduling for the whole military
- Implemented virtual medical boards during the COVID-19 pandemic, reducing the backlog of cases by **20% per month**
- Delegated roles within the Service Injury department, reducing backlog of Service Injury cases by **25%**
- Analyzed and aggregated insights on the **monthly statistics** of medical grading readjustment cases seen by the Military Medicinal Institute into a graphical, visual analysis to be used in downstream **decision making**

Projects

Pi Chi Spotify Wrapped - Pandas, NumPy, Matplotlib — *May 2021 - June 2021*
tinyurl.com/pichi-spw
Directed a team of four from my fraternity (Delta Sigma Pi) to analyze the Spotify data of the chapter's members and create our own version of Spotify's Wrapped.

AlphaRecognzier - Flask, Fast.ai — *Aug 2019*
tinyurl.com/alpharecognizer
Trained a convoluted neural network using transfer learning on top of the RESNET-50 model and deployed using Flask on Heroku to recognize hand written alphabets of the English language.

CommitCoin - React.js, Node.js, WebRTC — *Jan 2018*
tinyurl.com/CommitCoin
Led a hackathon team to build a browser extension that mines Monero and pools the mined cryptocurrency to payout meaningful GitHub contributions through a blockchain running on the WebRTC framework.

Skills

Programming Languages: Java, Python, JavaScript, Ruby, Dart, C, HTML, CSS, SQL
Frameworks: Django, Ruby on Rails, React.js, Ember.js, Node.js, Redux, Flutter, Git, Pandas

Honors

2020 **Outstanding National Service,** awarded for the initiative and contributions to the Singapore Armed Forces
2019 **Silver Bayonet Recipient,** graduated in the top 10% of cadets from the Specialist Cadet School course
2019 **Platoon Best Cadet,** recognized for outstanding leadership skills cadet from a group of 64 cadets
2018 **Winner at AngelHack Singapore,** invited to AngelHack's global HACKcelerator Program