

# PRANAV AURORA

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## EDUCATION

**University of Pennsylvania, School of Engineering and Applied Science**

Candidate for Bachelor of Science in Engineering, Computer Science, Economics & Mathematics

GPA: 3.95/4.0

Relevant Courses: Discrete Mathematics, Algorithms I & II, Data Structures, Network Systems, Macro & Microeconomics

**United World College, South East Asia**

International Baccalaureate (IB) - 44/45

Research: Mathematically modeling the coefficient of restitution and the vibrational nodes of a tennis racket using Matlab

**Philadelphia, PA**

Expected May 2023

**Singapore**

May 2017

## WORK EXPERIENCE

**Weiss Tech House**

Head of Investor Relations at Weiss Pitch

**Philadelphia, PA**

September 2019 – Present

- Spearheaded events like Pennvention to connect seed-round student-enterprises with VCs across the country
- Created expansion strategies for portfolio companies through analysis of market segmentation and brand positioning

**Student Federal Credit Union at Penn**

Product Manager, Information Systems

**Philadelphia, PA**

January 2020 – Present

- Worked closely with operating teams to address customer pain-points and strategize the digitalization of the Credit Union
- Developed fully integrated online applications for loans and credit builder programs – replacing previous manual processes

**Jungle Ventures**

Investment Analyst Summer Intern

**Singapore**

June 2019 – August 2019

- Conducted commercial due diligence for our investments in the SaaS, B2B space
- Developed a program to calculate customer acquisition costs, lifetime value, and retention rates for SaaS businesses
- Worked with portfolio companies in hyper growth regions like Indonesia and Philippines to map out customer lifecycles

**Ministry of Home Affairs**

National Service Inspector & Team Leader, Singapore Police Force

**Singapore**

June 2017 – May 2019

- Selected for the prestigious Officer Cadet Course and completed a year of physical, tactical and leadership training
- Commissioned as a commander and managed the fitness, regimentation, and deployments for a troop of 70 officers
- Deployed as a red teaming and security specialist during level-five security events like the Trump-Kim summit
- Two-time recipient of the distinguished Commanders Award for maintaining professionalism, leadership and discipline

## PROJECTS & LEADERSHIP

**PennPods**

Penn's actually productive social media platform

- Prototyped and wireframed a web app that empowers students to make real friendships in a virtual learning environment
- Developed the chat functionality (direct and group messaging) using Reactjs, Redux and Firebase

**Penn Course Navigator**

A program to help search for the right Penn course

- Built a Java program that allows users to search for Penn courses across all 11 schools using the Penn API
- Program runs PageRank to suggest the 10 most similar courses (considering course description) to the search query

**Tuition Center HR manager**

A web app for tuition centers to manage HR related functions

- Worked on the backend of a web app that digitalizes admin processes for a tuition center using Express, Node and SQLite3
- Designed the database and created endpoints for all routes for the front-end

**SME Searcher**

A web app that promotes smaller businesses within your community

- Created a search engine that empowers local businesses without ads from larger corporations using Yelp API
- ReactJs on the frontend, Express and Node on the backend and hosted on Firebase

**International Affairs Association**

Associate Director at Community Outreach and Engagement Branch

- Developed and taught computer science modules for Philly high schools to inspire students about a career in STEM

## TECHNICAL SKILLS

- Languages: Java, JavaScript, JSX, HTML, CSS, Python, OCaml, SQL
- Tools: ReactJs, Express, Bootstrap, NodeJs, JSoup, SQLite3, MongoDB, Firebase