Dylan Tran

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EDUCATION

- **Stevens Institute of Technology** — Hoboken, NJ
  Bachelor of Science in Computer Science; GPA: 3.73 — *August 2020 – Expected May 2024*

COURSEWORK

- **Relevant Courses** (*August 2020 - December 2022*)
  Discrete Structures, Data Structures, Algorithms, Computer Architecture and Org., Probability and Statistics, Systems Programming, Programming Languages, Linear Algebra, Computers & Society, Human-Computer Interaction, Database Management Systems, Agile Methods for Software Dev, Web Programming 1, Security, Privacy and Society, Theory of Computation

PROJECTS

- **Word Boss** — *September 2022 – December 2022*
  - Using MongoDB, Express, Handlebars, and Node to develop a web app to teach children SAT vocabulary in a 6-person team.
  - Designed a payment portal that allowed parent accounts to view and pay for child account features protected by bcrypt, encryption based on the Blowfish cipher.
  - Implemented Agile practices such as Scrum, Continuous Integration, Pair Programming, and Sprint Reviews throughout the 4 sprints to improve workflow.
  - Utilized a Kanban board to monitor 22 user stories and Burndown Chart to represent product backlog.

- **JimBro** — *September 2022 – December 2022*
  - Using MongoDB, Express, Handlebars, and Node to develop a fitness workout web app to help users schedule weekly workouts in a 4-person team.
  - Built frontend and backend Community Page allowing users to create community challenges, interact with other posts through comments and likes, and earn rewards.
  - Tested website using various technologies such as JavaScript to make code repairs and optimize performance.

WORK EXPERIENCE

- **VNG Cloud** — Ho Chi Minh City, VN
  Software Engineer Intern — *July 2022 - August 2022*
  - Using Typescript, Angular, Git, HTML, and CSS to design an admin internal feature used by IAM employees to access all 9 VNG Cloud products.
  - Implemented backend features to accept API calls utilizing Postman to add and update current services in VNG Cloud.
  - Prototyped details pages for each service in a compact manner using Angular Material to update UI.

ACTIVITIES

- **Ethnic Student Council** — Hoboken, NJ
  Treasurer — *March 2022 - Expected March 2023*
  - Prepared and attended large budget meetings to secure total funding of $42620 for the 2022-2023 year.
  - Worked in conjunction with other board members to handle registration and organization for over 500 guests for the largest campus cultural event of 2022.

EXTRACURRICULARS

- Filipino Association of Stevens Tech (Internal Rep 2021-2022), Society of Asian Scientists and Engineers, Blueprint, Chinese Student Association

SKILLS

- **Languages**: Java, Python, JavaScript, HTML, CSS, JSON, Handlebars, Typescript, Angular, C++, C, Ocaml, LaTeX

- **Tools**: Visual Studio Code, Eclipse, MySQL, MongoDB, Git, Postman, Linux, Ubuntu, QGIS, Figma, Kanban