Ron Dumalagan

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Education

Stevens Institute of Technology <div align="right">Hoboken, NJ</div>
Bachelor of Science in Computer Science (*GPA: 3.5*) <div align="right">August 2020 - Expected May 2024</div>

Skills

Python,JavaScript, Bootstrap, MongoDB, Express.js, React, Node.js, Handlebars, HTML, CSS, Figma, Java, C++, OCaml, Bash, SQL, Ubuntu, Linux, Git, Visual Studio Code, Eclipse, ServiceNow, Microsoft Office, Google Suite

Coursework

Relevant Courses *August 2020 - May 2023*

Algorithms · Data Structures · Web Programming · Systems Programming · Human-Computer Interaction · Agile Methods for Software Development · Discrete Structures · Computer Architecture and Organization · Database Management Systems · Operating Systems · Compiler Design and Implementation

Work Experience

Federal Reserve Bank of New York <div align="right">New York, NY</div>
Summer Analyst <div align="right">June 2022 – August 2022</div>

- Developed 4 efficiency metric web applications for the Enterprise Architecture team using HTML, CSS, JavaScript, and several front-end libraries in the ServiceNow IDE
- Assisted the VP of Enterprise Architecture and Director of Solution Architecture with the development of advanced search tools and duration calculators
- Delivered and demonstrated application functionalities to product owners and department heads for Transformation Office initiatives, reducing monthly computation times by 1-2 hours

Academic Projects

TRVL, Web Programming II <div align="right">Hoboken, NJ</div>
Team Member <div align="right">January 2023 - May 2023</div>

- Developed a full-stack web application to help users plan their travel itineraries using MongoDB, Express, React, and Node
- Built the frontend and backend for the sign-up, log-in, and user profile pages, and tested forms on the pages for validation errors and XSS attack vulnerabilities
- Utilized and maintained a Kanban board in order to track user stories and product backlog
- Collaborated with a team of 3 other students to complete the website for a course on Web Programming

Word Boss, Agile Methods for Software Development <div align="right">Hoboken, NJ</div>
Team Member <div align="right">September 2022 - December 2022</div>

- Created an educational web application to help students learn SAT words using MongoDB, Express, Node, and Handlebars
- Practiced the Scrum Agile framework by doing weekly sprints, planning meetings, user stories, product backlogs with team members
- Collaborated with a team of 5 students to complete the website for a course on Agile Methods for Software Development

Leadership

Ethnic Student Council (ESC) <div align="right">Stevens Institute of Technology</div>
Vice President <div align="right">April 2022 - May 2023</div>

- Organized events throughout the semester involving 11 cultural student organizations to celebrate cultural diversity on campus
- Coordinated the actions of the ESC executive board in conjunction with the ESC President

Filipino Association of Stevens Tech (FAST) <div align="right">Stevens Institute of Technology</div>
Secretary <div align="right">April 2022 - May 2023</div>

- Maintained responsibility for all electronic communications on behalf of and within FAST
- Took attendance at all FAST events, maintained agendas for all meetings, and managed mailing list memberships

Activities/Awards

Dean's List, A. James Clark Scholarship, Presidential Scholarship, Society of Asian Scientists and Engineers

U.S. Citizen · Available for work September 2022 - August 2023