James Albert P. Labayna

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Education

Stevens Institute of Technology
Bachelor of Science in Computer Science, 2019-2022
GPA: 3.962

Coursework:
Intro to Comp Sci, Intro to Web Programming & Web Dev, Calculus, Probability & Statistics, Discrete Structures, Data Structures, Computers & Society, Project Management, Automata & Computation, Computer Organization & Programming, Algorithms, Linear Algebra, Intermediate Statistics, Intro to IT Security, Software Development Process, Systems Programming, Programming Languages, Compiler Design & Implementation, Proofs and Refutations, Modern Algebra

In progress:
Database Management Systems, Multivariable Calculus, Differential Equations, Concurrent Programming, Societal Impact of Information Technologies, Senior Design I, Computer Vision

Projects

Research   09/2015 - 06/2019

- 1 year of research in robotics and green tech
- 3 years of research and evelopment in a small team to develop dye-sensitized solar cells

Tracking & Management System | *Google Apps Script (Javascript), Google Suite*   06/2018 - 06/2019
Digitized paper management process through spreadsheet scripting and G Suite

Student Organization Reform   06/2018 - 06/2019

- Expanded tutoring to provide personalized, one-on-one learning in STEM fields
- Lead experimental discussion forum for current science issues
- Successfully planned and funded an interstate club trip

Minor Programming Projects

- Misc. coursework   2019 - Present
- Team-based web application   09/2019 - 12/2019
- Tree Method in Racket   06/2020
- Various compilers   02/2021 - 05/2021

Skills

Languages:
C, C++, CSS, HTML, Java, Javascript, LaTeX, OCaml, Python, R, Racket

Software	**Operating Systems:**
Eclipse, Git, GitHub RStudio, Vim, VirtualBox	Linux (Arch), Windows

Work Experience:

Recreational Assistant, Stevens Institute of Technology	11/2019 - 04/2020
Temp Customer Service Associate, Hoboken, NJ	09/2020 - 11/2020
Course Assistant, Stevens Institute of Technology	09/2019 - 12/2020

- Assistant for Programming Languages

Hobbies

Cycling, Learning Linux and Other Tools, Speedrunning