Imari Joy Borda

Researcher & Software Engineer

Dedicated early-career researcher in the field of computational mathematics, bioinformatics, and statistics. Also, a creative and innovative web developer experienced in building fully responsive websites. Well-versed in collaborating and leading across multiple teams and departments.

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WORK EXPERIENCE

Science Research Specialist
University of the Philippines

01/2021 - Present   *Davao City, Philippines*

Achievements/Tasks

- Automation of data preprocessing workflows. Developed local scripts for producing weekly situation reports using LaTex and R. Built a web app of SARS-CoV-2 phylogeny using Nextstrain. Performs phylodynamic modeling.

Special Science Teacher
Philippine Science High School

08/2019 - 01/2021   *Davao City, Philippines*

Achievements/Tasks

- Instructed students in algebra, geometry, trigonometry, statistics, linear programming, graph theory, network modeling, and data science introduction.

Freelance Web Developer
Workplace/Company

03/2021 - Present   *Remote*

Achievements/Tasks

- Built and managed websites using HTML, CSS, JavaScript, and Wordpress. Project consisted of landing pages and custom webpages. Worked with various clients to meet the desired outcomes.

PERSONAL PROJECTS

My portfolio page (2022)
- Can be visited at imarijoyborda.com. Built with HTML, CSS, and JavaScript. The website features all my works.

People Counter (2022)
- Designed for researchers or data gatherers who need to count the number of people under certain conditions as part of a survey process. This was made using HTML, CSS, and JavaScript.

Client portfolio page (2022)
- Fully functional portfolio page of a client featuring his work experience and projects. This was made using HTML, CSS, and JavaScript.

Restaurant and Salon Landing Pages (2022)
- Landing page for a salon and restaurant website. Features the services offered.

EDUCATION

BS Applied Mathematics
University of the Philippines

2015 - 2019   *Davao City, Philippines*

Courses

- Graduated Magna Cum Laude

SKILLS

R   Matlab   Python   HTML

CSS   JavaScript   Wordpress

GitHub   Web Hosting   LaTex

CLI

CERTIFICATES

Ongoing: Harvard's CS50: Introduction to Computer Science (2021 - Present)
Organized by the Harvard University to introduce people to C, Python, SQL, HTML, CSS, JavaScript, and Flask.

JavaScript Algorithms and Data Structures (2022)
Issued by FreeCodeCamp for completing the JavaScript course. Object Oriented Programming (OOP) and Functional Programming (FP) paradigms were part of the course.

Responsive Web Design Certification (2021)
Issued by FreeCodeCamp for completing the responsive design course. HTML and CSS were part of the course.

LANGUAGES

Filipino
Native or Bilingual Proficiency

English
Full Professional Proficiency

INTERESTS

Lifelong Learning   Technology

Research   Programming

Mathematics   Logic

Web Development