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MIKAYLA SHAKEI U. LOPEZ

SKILLS

PROGRAMMING

Python, C/C++, PHP, C#

SOFTWARE

Adobe Photoshop CS5, Unity 3D

WEB DEVELOPMENT

HTML, CSS, Javascript, Heroku, Django, Laravel, Aurelia

OTHERS

Git, Scrum, SQL

EXPERIENCE

Netzwelt, Inc. – Junior Software Engineer

AUG 2019 – PRESENT

- Designing and implementing software systems primarily using C#/.NET and Javascript/Aurelia, including database operations using MSSQL

Dormmi (dormmi.com) – Lead Front End Engineer / UI/UX Specialist

JUN 2019 – SEPT 2019

- A platform that helps students search for housing near university.
- Developed frontend improvements with HTML, CSS, and a little bit of ReactJS

STORM Technologies PH – Web Development Intern

JUN 2017 – JUL 2017

- Worked mostly with backend bug fixes for the company's merit increase and performance bonus management system.
- Implemented a feature for data security and encryption.
- Learned PHP, MySQL, Laravel, and Bootstrap.

UP Association for Computing Machinery – Algolympics Publicity Head

DEC 2017 – FEB 2018

- Managed and created publicity materials for Algolympics – an intercollegiate programming competition hosted by UP ACM.

UP Association for Computing Machinery – Publicity Committee Member

MAY 2015 – MAY 2019

- Created publicity materials for the organization's various events.

UP Mathematics Club – Ways and Means Committee

MAY 2015 – MAY 2019

- Helped maintain and operate the club's quiz bee software & hardware components.

EDUCATION

University of the Philippines Diliman – *BS Computer Science*

AUGUST 2014 – JUNE 2019

PROJECTS

Adaptive Virtual Reality Disaster Simulation for Community Training

– *Researcher and developer*

SEPT 2018 – MAY 2019

- My undergraduate thesis—a virtual reality (VR) application that shows simulations of scenarios that occur before and typhoon events for the purpose of community training. Developed using Unity3D and C#.

A Pill A Day (apilladay.herokuapp.com) – *Web Application Developer*

MAY 2018

- A web app that allows doctors to create and update prescriptions and intake schedules for their patients. This web app is integrated with our smart medicine box and its accompanying mobile app that alerts the patient when it is time to take their medicine for the time of day.
- Developed using Python/Django. Used MySQL for the database and Heroku for deployment.

Libra v. 2.0 – *Project Head, Scrum Master, and Developer*

OCT 2016 – MAY 2017

- A quiz bee software coded in Python, created for UP Math Club.