

Marvin Vilaysack

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EMPLOYMENT EXPERIENCE

U.S. Bancorp

Software Developer

December 2019 – Present

Minneapolis, MN

- Delivered over 20+ Workday integration projects to the organization, migrating from Peoplesoft.
 - Design and implement integration solutions across Workday's HCM, Benefits, Payroll, and Financial products
 - Work directly with key business stakeholders to confirm/document requirements, consider design alternatives, facilitate discussions, and ultimately drive requirements to sign-off.
- Participate in end-to-end testing, daily stand-ups, code reviews, operated in an Agile/Scrum environment.
- Engage in a 24/7 rotational on-call support for legacy software systems in a production environment (Tier 3 support).
- Exposure to **Linux/UNIX** systems, **XML/XSLT**, **RESTful APIs**, cloud technology, data warehousing, & data conversion.

Best Buy, Co.

Application Developer Analyst

June 2019 – November 2019

Richfield, MN

- Resolved 250+ critical bugs to improve performance and help the client automate test data.
- Worked with QA teams, senior engineers, product managers, and client to clarify user stories, estimate tasks, and deliver quality code in a scrum/agile environment.
 - Help maintain an enterprise web app using Spring Boot and Java/Groovy, and developing RESTful web services.
 - Contributed and delivered front end features using HTML/CSS/JS and React.
- Tools: **Spring Boot**, **MVC**, **Java/Groovy**, **Github**, **Jenkins**, **RESTful APIs**, wrote **SQL** queries, and delivered front end features using **HTML/CSS** and **React**.

U.S. Bancorp

Technology and Operational Services Intern

May 2018 – June 2019

Minneapolis, MN

- Served as a project manager to support in scope definition, planning, estimation and tracking of **10+ Fintech projects**.
- Assisted in risk management, procurement procedures, and development of proof of concepts.
- Monitored operating efficiency and organizational needs of existing application systems and identify opportunities to fine-tune and optimize applications of developed projects and recommend technical solutions.

University of Minnesota Medical School

Student Database Developer

September 2017 – May 2018

Minneapolis, MN

- Partnered with a Medical Research Professor to help aggregate applicant data, migrating data from Qualtrics to Filemaker.
- Used Drupal to design and develop the alumni website for undergraduate/post-graduate research programs.
- Managed relational databases and wrote SQL queries to validate data for research applications.

EDUCATION

University of Minnesota, Twin Cities

B.S., Computer Science

May 2019

Minneapolis, MN

- IEEE member, Lao Student Association (Marketing Coordinator), North Star STEM Scholarship

PROJECTS

Discord COVID-19 Tracker: <https://github.com/marvintv/discord-covid-bot>

- Developed a Discord messaging bot used to track live COVID-19 data for users. This bot is activated using a command and will output a chart image of the status of COVID-19 daily cases. This application runs using **Node**, **discord.js** and the **Commando** framework. The data comes from a public API from [COVIDTracking.com](https://covidtracking.com) and displays a chart image to the user utilizing **Chart.js**

Video Game Stat Tracker: <https://github.com/marvintv/apex-tracker>

- Developed a web application using **Express** and **Vue.js** and deployed the app using **Heroku**. This application was developed to track in-game performance statistics for individual through different gaming platforms (PC, Xbox Live, PSN) based on the username.

Flashpoint Weather Scraper : <https://github.com/marvintv/flashpoint>

Flashpoint was developed in 24 hours at an UIowa Hackathon by me and 3 other group members. We created a machine learning model which searched through large datasets to identify regions with high flood potential and was presented visually using the **Google Maps API**. Developed using **Node.js**, **Express** and the developed the front end using **Bootstrap**. **Awarded #1 best application using provided Weather Data API.**

SKILLS

- Programming Languages:** Python, Java, Groovy, Javascript
- Web Development:** Html, CSS, Babel (ES6) Bootstrap, ReactJS, NodeJS.
- Database Management:** SQL, MySQL, Firebase.
- Tools:** Git, GitHub, Bitbucket, JIRA, Postman, CI/CD (Jenkins)