

Karryl Dumalag

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EDUCATION

B.S.E., Computer Systems Engineering

Arizona State University, Tempe, AZ

- **Computer Coursework:** Algorithms and Data Structures, Operating Systems, Software Engineering, Networks
- **EE Coursework:** Signal Processing, Embedded Microprocessor Systems, Computer Architecture
- Member of **Google Developer Student Club**

A.S., Associates of Science, Biology (HS dual enrollment) (3.75 GPA)

College of Southern Nevada, Las Vegas, NV

- Successfully completed with honors
- Demonstrated leadership through AVID program tutoring for high school students
- Member of Distributive Education Clubs of America (DECA) and Finance Management for National Honor Society (NHS)

Web Development (4.45 GPA)

Southwest Career and Technical Academy, Las Vegas, NV

- Experience in content marketing, leveraging client and consumer understanding

PROFESSIONAL DEVELOPMENT

Management Leadership for Tomorrow | Washington, D.C. | Turn Pro Participant

June 2023 - Present

- Engage in this professional development program for diverse undergraduate talent attending select colleges and universities
- Complete program coursework to hone career-development aptitude and industry knowledge
- Attend events hosted by industry leaders in technology, financial services, consulting, marketing, HR and healthcare

Educational At Work | Tempe, AZ | Microsoft Enterprise IT Support

Jan 2023 - July 2023

- Run diagnostic tests, analyze error logs, and leverage documentation to identify root causes and implement effective solutions
- Create detailed work orders and documentation to track and communicate the status of technical issues, ensuring transparency and efficient workflow management

TECHNICAL PROJECTS

Website Portfolio: <https://kavejd.github.io/>

EffortLogger v2.0

Sep 2023 - Dec 2023

Leading a team of five, this project builds a software program using Java to provide privacy for users, and eliminate incoordination potential within teams in Sprint Planning and other management processes.

- Built on Eclipse using JavaFX with FXML for UI/UX design. MySQL for database management
- Full development process documentation. (End-to-end service, development testing, UML diagrams, etc.)

Spotify WebAPI

Nov 2023 - Dec 2023

Javascript and PUG project integrating Spotify's API into a web application, allowing users to authenticate, access their top tracks, artists, and genres, and receive personalized recommendations.

- Successfully integrated OAuth2 authentication, token management, and making diverse API requests to fetch user data. Leveraged asynchronous JavaScript using async/await to handle multiple API requests concurrently
- Developed the backend of the application using Express.js, creating robust routes, handling authentication flows, and serving dynamic content to the frontend.

SKILLS

Technical: Agile | C/C++ | Java | Python | Javascript | Bash | SQL | Git | HTML | Pug | CSS | Linux | Windows | AutoCAD

Soft: Collaboration | Communication Skills | Project Management | Problem-solving