Joseph Campos
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Education
Master of Science in Computer Science
Boston University Metropolitan College, Boston, MA   Sept 2017 – Jan 2020

Work Experience
Application Developer   January 2021 – June 2023
Boston University

- Executed end-to-end implementation of solo projects as a full-stack developer on a LAMP stack, delivering high-quality results.
- Designed, developed, and maintained web applications for over 2,000 students, ensuring seamless user experiences.
- Integrated various APIs, including Google Drive, Kaltura, WebCheckout, and Rundown Creator, to enhance app functionalities and streamline workflows.
- Showcased high self-motivation and adaptability, achieving valuable outcomes for projects.
- Gained experience handling both development and system administration tasks on CentOS Linux virtual servers.
- Implemented version control through a GitHub organization account, enabling efficient collaboration and code management.

Desktop Services Specialist I
Boston University   March 2015 - December 2020

- Provided comprehensive software and hardware support for macOS and Windows clients.
- Collaborated on the development and implementation of Windows and macOS images for managed computers.
- Monitored and maintained over 200 machines using Quest KACE Management Appliance and JAMF Pro.
- Conducted efficient remote support using Windows Remote Desktop and Apple Remote Desktop.
- Effectively managed a team of 6-8 student employees, including recruitment, training, and scheduling.

Software Projects in Application Developer Role
COM Video
- Built three web apps that all work together to: allow users to upload media content to our servers for our BUTV production program, manage BUTV show metadata, and stream all of BUTV's 19 shows and over 300 episodes.
- All three apps were solo projects: BUTV Upload, BUTV Metadata Management, and BUTV Streaming.
- Implemented the Google Drive API PHP Client Library to handle up to 25+GB uploads of media to our servers.
- Created an auto-archive system to transfer over 200GB of content from an old server to our Kaltura instance via the Kaltura API.
- Uses: PHP, Python, JS, MySQL, HTML, CSS, GCP, Google Drive API, Google Drive PHP Client Library, Kaltura API, Kaltura Python Client Library, Git.
Self-Service Kiosk
- Fully self-service kiosk that handles checkouts/returns of 10 portable power banks using only BU ID.
- Hardware includes a large touchscreen, swipe card reader, barcode scanner, and Raspberry Pi.
- This was a solution to address the charging needs of students in a building that lacked sufficient power outlets.
- Uses: PHP, JS, HTML, CSS, WebCheckout API, PostgreSQL, Git.
TechOps Website
- Full redesign of our department website, making it mobile-first, responsive, and more user-friendly.
- Personally collaborated with our lead designer to create our own logo and branding for our new site.
- Integrated legacy code into the new site to maintain core functionalities.
- Uses: PHP, JS, HTML, CSS, WebCheckout API, Rundown Creator API, PostgreSQL, Git.

Technical Skills
Languages
- Professional experience: PHP, JavaScript, Python, PostgreSQL, MySQL, HTML, CSS.
- MSCS program: C++, Java, MS SQL, Oracle SQL.
Version Control
- Git, GitHub.
Other
- Bash, Zsh, and basic shell scripting.