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Christine Mae S. Munar

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U.S. Citizen

Education

B.A. in Computer Science **University of California, Berkeley** **Sept 2014 – May 2018**

- Key Courses: Data Structures; Efficient Algorithms; Database Systems; User Interface Design; Artificial Intelligence; Engineering Entrepreneurship; Foundations of Data Science; Product Management

Languages and Technologies

- *Proficient* - Java, HTML, CSS, Python; *Familiar* - Swift, JavaScript, SQL
- Elasticsearch, Cassandra, Scalable Industrial IoT Applications; Git, IntelliJ, XCode, Jenkins

Employment

Software Engineering Specialist **General Electric** **Aug 2018 - Present**

Data Management & Tag Mapping

- Improved matching accuracy between sensor metadata to analytics tags in tag mapping service.
- Improved scalability by 20% by developing an algorithm to handle duplicates and optimizing write to Elasticsearch.
- Participated in POC with Asset Answers to minimize their customer onboarding time from months to days.
- Key developer in achieving product's PCI and OWASP security compliance certification.
- Collaborated with Data Science team to integrate revised ML and NLP algorithms into data ingestion tools.
- Utilized: Java, Elasticsearch, Cassandra, Postman, JMeter, VisualVM, Bamboo, Burp Scanner, Checkmarx

Teaching Assistant **University of California, Berkeley** **Aug 2017 – Dec 2017**

- Taught upper-division CS course, User Interface Design & Human Computer Interaction (CS160).
- Created lesson plans, led weekly discussions & provided feedback to students' design and code.

Software Engineer Intern **LinkedIn** **May 2017 - Aug 2017**

LinkedIn Video, iOS Team

- Architected and implemented an effective permissions request controller used in all entry points for camera, audio, and photo access of LinkedIn mobile app.
- Increased XCUI and i18n test coverage, added voice over support for features, and fixed additional UI bugs.
- Utilized: Swift, Xcode, XCUITest framework

UI Engineering Intern **LinkedIn** **June 2016 - Aug 2016**

LinkedIn Learning, Web Team

- Developed entire lifecycle of selected features--author profiles, recommended & influencer courses--from router to template, and styled to be responsive. Componentized common UI elements for multiple usage.
- Made app compliant to accessibility standards by implementing ARIA labeling, keyboard operability & more.
- Utilized: Ember.js, SCSS, JavaScript, HTML

Web Developer **UC Berkeley Financial Aid Department** **Feb 2015 – Jan 2017**

- Single-handedly developed the intranet site from scratch using Drupal.
- Accelerated department's workflow by allowing efficient access to informative content for 45 staff users.

Academic Projects

- **Alexa Morning Routine –** Created an Alexa voice app with Android interface that facilitates one's morning routine using Alexa Skills Kit, Node.js, DynamoDB, & Figma. Conducted usability testing and prototyping.
- **YumFeed iOS App –** Built a food bookmarking app using Swift and Parse. Implemented basic, social media app functionalities including photo upload, user authentication, etc. Received 90 downloads on App Store.
- **Gitlet –** Created own Git-like version-control system using Java. Designed and implemented custom tree data structure with algorithms to perform core commands.

Additional Experience and Recognition

- **"Above & Beyond" GE Award** (2019). Recognized for contribution to POC for Asset Answers, a key customer, by improving scale of Tag Mapping by 20%.
- **Facebook TechStart Mentor** (2017). Worked with Facebook program to mentor students at various Oakland high schools computer science fundamentals and college prep.
- **LinkedIn Company-Wide Recognition** (2016). Listed as a highlighted employee for contribution to LinkedIn Learning release. Took full ownership of & resolved 90% of accessibility blockers needed for launch.