

TERRENCE JAMES DIAZ

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OBJECTIVE

- UX/Mobile/Full-Stack/Front-End Engineering

EDUCATION

- **HARVEY MUDD COLLEGE** August 2013 – May 2017
Claremont, CA
- B.S. Computer Science, Concentration in Asian American Studies
- 🏆 ****Dean's List recipient****

SKILLS & CERTIFICATIONS

- **WEB:** React, Bootstrap, NodeJS, ASP.NET, Express, MongoDB, SQL, Cypress
- **MOBILE:** Xamarin, React Native, iOS, Android, Universal Windows Product (UWP)
- **UX:** myBalsamiq, Invision, Sketch, Photoshop, Illustrator, XD
- **LANGUAGES:** C#, Javascript, Python

- **MICROSOFT CERTIFIED SOLUTIONS DEVELOPER: APP BUILDER** [🔗](#) April 2019
Microsoft

- Requires three exams: Programming in C#, Developing Mobile Apps, ASP.NET MVC Web Apps

INDUSTRY EXPERIENCE

- **SOFTWARE ENGINEER III - FULL-STACK** February 2021 – Present
Laserfiche Long Beach, CA
- Spearheaded an entire developer console React app from scratch for company's OAuth 2.0 API server
- Wrote ASP.NET service layer connecting React frontend with OAuth server backend
- Led and decided all UX decisions and processes, backed with research, mockups and prototypes

- **SOFTWARE ENGINEER III - MOBILE** December 2017 – Present
Laserfiche Long Beach, CA

- Develop iOS, Android, and UWP mobile applications in C# using Xamarin
- Give talks on technical work, act as team's scrum master, mentor jr. members, conduct interviews
- Led significant refactoring/technical debt projects as well as major UI/UX overhauls, review PRs

- **CS CLINIC DEVELOPER - DYNAMIC WEBSITE UPDATING** [🔗](#) August 2016 – May 2017
GoDaddy Inc., Computer Science Clinic | 5-person team, industry sponsored-project Claremont, CA

- Designed/implemented scheduled announcement widget for GoDaddy's website builder, GoCentral
- Export data from widget to dynamically update social media sites such as Facebook and Twitter
- 🏆 ****Awarded Outstanding CS Clinic Team 2017****

VOLUNTEER TECH WORK

- **TECH LEAD & ADVISOR** [🔗](#) March 2019 – April 2021
Circle K International, CNH District Technology Committee
- Architect and oversee major software / data science projects to be used as tools for a volunteer org
- Projects include a mobile app (React Native), a web app (Angular/NodeJS), and a data heatmap
- Implemented devops/QA processes such as CI/CD pipelines, bug triaging/test plans, containerizing

RESEARCH EXPERIENCE

- **RESEARCH ASSISTANT - MIDDLE-YEARS COMPUTER SCIENCE** May 2015 – September 2015
MyCS Team, Harvey Mudd Computer Science Department | 5-person team Waimea, HI & Claremont, CA
- Researched CS pedagogy and outreach; focused on Arduino curriculum and CS fundamentals
- Designed an elementary CS curriculum and hosted professional development workshops

PUBLICATIONS

- B. Castro, **T. Diaz**, M. Gee, R. Justice, D. Kwan, P. Seshadri, Z. Dodds, "MyCS at 5: Assessing a middle-years CS curriculum." SIGCSE 2016. [🔗](#)

LEADERSHIP & ACTIVITIES

- **CLUB ADVISOR** Cal State Long Beach Circle K Club Jan 2018 – Present
- **STAFF MEMBER** Lakas Filipino Mentorship Program Aug 2017 – Present
- **MANAGER** Anime Expo Autographs & Customer Service July 2015 – July 2019
- **PRESIDENT** Claremont Circle K International August 2013 – May 2017
- **CREATIVE DIRECTOR** Claremont Taiko Drumming group August 2013 – May 2017
- **VP & CULTURAL DANCE COORD.** Claremont Filipino Student Organization August 2015 – May 2017
- **CREW MEMBER** Groove Nation Hip Hop Dance Crew August 2013 – Sep 2016
- **REC. PLAYER** Claremont Volleyball August 2013 – Jan 2017

AWARDS

- **PRESIDENT OBAMA'S VOLUNTEER SERVICE AWARD** Bronze (300+ service hours) September 2016
- **DISTINGUISHED PRESIDENT AND CLUB IMPROVEMENT** Circle K International March 2015 & 2016