

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****

RELEVANT COURSEWORK

- Data Structures Computability & Logic Algorithms
- Databases Computer Systems Interaction Design
- Artificial Intelligence Software Development Programming Languages


SKILLS & CERTIFICATIONS

- **WEB:** React, Bootstrap, HTML, CSS, NodeJS, Express, MongoDB, SQL
- **MOBILE:** Xamarin, React Native, iOS, Android, Universal Windows Product
- **UX:** myBalsamiq, Invision, Sketch, Photoshop, Illustrator, Lightroom, InDesign, After Effects
- **LANGUAGES:** Python, C#, Java, Javascript, [Racket, Haskell, Prolog]

INDUSTRY EXPERIENCE

- **MICROSOFT CERTIFIED SOLUTIONS DEVELOPER: APP BUILDER**  April 2019
Microsoft
• Requires three exams: Programming in C#, Developing Mobile Apps, ASP.NET MVC Web Apps
- **SOFTWARE ENGINEER III** December 2017 – Present
Laserfiche Long Beach, CA
• Develop iOS, Android, and UWP mobile applications in C# using Xamarin, focusing on full-stack
• 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 WORK

- **TECH LEAD & ADVISOR**  March 2019 – Present
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** 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

- **COLLEGIATE CLUB ADVISOR** Kiwanis Club of Long Beach Jan 2018 – Present
- **SUPPORT STAFF MEMBER** Lakas Filipino Mentorship Program Aug 2017 – Present
- **MANAGER & REP.** Autographs & Customer Service Department of Anime Expo July 2015 – Present
- **PRESIDENT & MEMBER** Claremont Circle K International August 2013 – May 2017
- **CREATIVE DIRECTOR & MEMBER** 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
- **ASST. COACH & PLAYER** Claremont / Holy Trinity Volleyball January 2011 – 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