※ Brian Hungerman

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SPEED DATE

A software engineer with a desire to achieve and a passion for tutoring, Brian's personable flair and can-do attitude allow him to tackle any challenge.

EXPERIENCE

Web Developer @ CITRIS & Banatao Institute, Merced, CA   May 2017 - Present
- Responsible for modernizing and maintaining CITRIS' online presence.
- Streamlined new hire onboarding practices to address CITRIS' high turnover rate, improving internal continuity.
- Built multiple sites utilizing the Drupal CMS and Acquia Dev Desktop, emphasizing on the readability and maintainability of systems.

Research Assistant @ MACES Fellowship, Merced, CA   October 2017 - Present
- Developing computational solid-state physics algorithms to derive and print Fermi surfaces utilizing Marching Cubes and 3D printing via Fortran.

Research Assistant @ VICE Lab, Merced, CA   November 2017 - Present
- Developing geospatial analysis solutions for hydrologic, agricultural, and sustainability problems utilizing the Google Earth Engine API via JavaScript.

EDUCATION

University of California, Merced, Merced, CA   August 2016 - June 2020
- B.S. Computer Science & Engineering (GPA: 4.00)

PROJECTS

Iterate (Mobile App Challenge 2017)   May 2017
- Awarded $5,000 grand prize in CITRIS' 2017 Mobile App Challenge.
- Built an educational mobile application that teaches coding, focusing on concepts over syntax, improving retention of abstract CS concepts.
- Created Java interpreter in C# with a Scratch-esque coding environment.

DigestQuest (HackMerced 2017)   September 2017
- Designed heuristic image processing (Tesseract.js OCR) web application to scan nutritional labels to count calories, helping reduce your caloric intake.

AMAX ESD Detection System   April 2015
- Contracted to design and integrate circuitry to provide a haptic and visual feedback security measure for engineers assembling server components.

LEADERSHIP

Project Manager @ LearnBEAT, Merced, CA   February 2017 - Present
- Raised $3,000 in funding via NSF's Innovation Corps to bring K-12 STEM project-based learning (PBL) to Merced County.

Founder @ Summer of Game Design, Danville, CA   June 2015 - July 2016
- Raised over $25,000 after co-founding, designing, and running a coding and game design summer camp for two years.

Community Outreach Officer @ ACM, Merced, CA   January 2017 - Present
- Building community engagement via workshops, seminars, and tours.

CSE Ambassador @ CCPA at UC Merced, Merced, CA   May 2017 - Present
- Representative of CS department due to notable projects and grades.

SKILLS   years

Languages

	years
C#	4+
Java	4+
C++	2+
VB.NET	2+
C	1+
JavaScript	1+
Python	1+
Fortran	1+
CSS/HTML	4+

Programs

Unity3D	4+
Drupal	2+
Android Studio	2+
Git	1+
GIS	1+

Libraries

.NET	4+
React, Node	1+
jQuery	1+

Project Management
Software Development
UX/UI Design

AWARDS

Chancellor's Honors List
(2016-2017)

Engineering Dean's List
(Fall 2016, Spring 2017)

Pitchfest Finalist
-Runner-up in TESUM's Fall 2016 Pitchfest.

Mobile App Challenge
-Won CITRIS' 2017 Mobile App Challenge.

HackMerced Finalist
-Won "Best in Design" in HackMerced's 2017 hackathon.

LANGUAGES

English
Spanish