





DYONTE BLAKE

SOFTWARE ENGINEER

CONTACT

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CAREER OBJECTIVE

Analytical and persistent individual who thrives on solving problems, out-of-the-box thinking, and getting the details right. Looking to combine passion for software and education by focusing attention on the development of apps, websites, and other programs to enhance education for adults and children from learning English to applying mathematics to determine real-world solutions.

SKILLS

Teamwork
Problem Solving
Written Communication
Microsoft Excel
Detail Oriented
Python (Django)
SQL

EDUCATION

Bachelor of Science
Mathematics
University of California, CA
2006 - 2010
San Francisco, CA

CERTIFICATION

California Prepared Teaching
Credential

WORK EXPERIENCE

High School Mathematics Teacher

Garwood High School

2016 - current / San Francisco, CA

- Wrote and submitted lesson plans for 5 preps in accordance with California's content standards, and relied on interactive whiteboards to integrate technology for increased student engagement
- Taught Algebra I, Algebra II, Geometry, and Pre-calculus to 135 students, and informed parents of learning goals, upcoming projects and tests, and opportunities for students to retest
- Created tests, quizzes, homework packets, and in-class activities to teach objectives, graded assignments, and retaught lessons as needed so that 94% or more of students passed each year
- Established an after-school club with 6 honors students to develop apps using Python to enhance students' learning experience and provide tutoring

High School Mathematics Teacher

Riverbridge High School

2012 - 2016 / San Francisco, CA

- Worked with Physics instructor to develop lesson plans, curriculum, and assignments for a first-year Statistics program for 30 students
- Instructed Geometry to 65 students, Pre-calculus to 53 students, and a refresher course for standardized testing to 28 students of who 92% passed
- Corrected assignments, provided verbal and written feedback for students, entered grades into system, and communicated with parents regarding poor grades, responding to emails within 1 business day
- Integrated the use of iPads and SmartBoard technology into classroom, increasing student engagement by 32%

Student Teacher

Washington High School

2010 - 2012 / San Francisco, CA

- Collaborated with Algebra instructor to build lesson plans aligned with state objectives, and submitted plans to professor and high school administration
- Managed classrooms of 30+ students at a time, and delivered lessons, adjusting as needed to reteach material, reengage students, or to allow time for further practice
- Taught Algebra I and Algebra II for the final 6 weeks of the semester, and received 100% positive evaluations from principal and professor