

Luke Zhu

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EDUCATION

Brown University, Providence, RI **May 2020**

B.S. Math-Computer Science

Castro Valley High School, Castro Valley, CA **June 2016**

GPA: 4.41/4 (weighted) 4.0/4 (unweighted)

SAT: 2330, SAT II: Math II (800), Chemistry (800), US History (800), Physics (800)

HONORS AND AWARDS

National Merit Finalist (2016) • USA Computing Olympiad Platinum Division Contestant (2016) • USA Junior Mathematics Olympiad Qualifier (2014) • Distinguished Honor Roll for the American Math Competition 12 (2015) • Instrumental Music Faculty/Foundation Award (2016)

RELEVANT COURSEWORK

Abstract Algebra (MATH 1530) • Computer Science: An Integrated Approach (CSCI 170) • What's the Big Deal With Data Science (APMA 110) • Management of Industrial and Nonprofit Organizations (ENGN 90) • Structure and Interpretation of Computer Programs

EXPERIENCES

Regal Entertainment Group, Floor Staff **June 2016-August 2016**

Served customers in a timely and accurate fashion, ensuring smooth theatre operations

Chang Bioscience Inc., IT Assistant **August 2015**

Wrote a Python script which parses company sales data from Ebay and Amazon and calculates county and state sales tax owed

Ross Math Program **June 2015-July 2015**

Studied number theory for 6 weeks at Ohio State University, learning how to write rigorous proofs

PROJECTS

Productivity App **August 2016-September 2016**

Created an iOS task scheduling app that syncs with Google Calendar with Swift

Remade app with React Native and Meteor

Startup Tech Stacks **August 2016**

Found and visualized data of the most common technologies used at startups, using Beautiful Soup for web scraping and D3.js for visualization

COMMUNITY SERVICE

Math and Science Club, Founder, President **August 2014-June 2016**

Created and organized the high school math and Science Bowl teams

Established and managed biweekly math practices for middle school students

Oakland Youth Orchestra, Member **August 2012-May 2016**

Rehearsed weekly and performed in multiple concerts, including a tour to Argentina and Uruguay

Raised funds for disadvantaged and homeless youth

SKILLS AND INTERESTS

Technical: C++, Python, JavaScript, Swift, Go, Scheme, Django, React, React Native, Microsoft Office

Language: Conversant in Chinese and Spanish

Interests: Basketball, Skiing, Viola, Tennis