JUSTIN S. NAKAMA

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EDUCATION

➢ **University of Southern California**, Computer Science (BS)   August 2019- Expected June 2023
➢ **Crescenta Valley High School**   2015 – Expected June 2019
  - Unweighted GPA: 3.98/Weighted GPA: 4.39
  - SAT: 1550 (top 1% of test takers)

WORK EXPERIENCE

➢ **University of Southern California**, **Bridge Undergraduate Science Program**

Paid Lab Intern | Python   Summer 2018
  - 1 of 18 high school students chosen for paid, highly selective undergraduate research program.
  - Used Python to sort millions of cancer-targeting proteins by nucleotide patterns.
  - 1 of 3 high school students to be invited back.

Paid Lab Intern   Summer 2017
  - Discovered 4 metabolites from fungi retrieved from the International Space Station in partnership with NASA Space Biology Program.
  - Utilized gel electrophoresis and liquid chromatography to identify fungal compounds for medicinal potential.

PERSONAL PROJECTS

➢ **CV Injury App**

Lead Developer | Ruby on Rails, HTML/CSS, SQLite, AWS   August 2018 – January 2019
  - Designed cross-platform electronic medical database designed for local high school athletic trainers.
  - Created secure design that stores PDFs, images, student medical records, and Excel spreadsheets.

➢ **DJ Soundboard App**

Lead Programmer | C#, Unity   May 2018 – July 2018
  - Designed playable DJ soundboard with 48 different piano and drum sounds.
  - Implemented recording and play-back ability for multi-leveled song recording.

➢ **Solar Army Database**

Head Developer | HTML/CSS, Ruby on Rails, SQLite, AWS   January 2018 – April 2018
  - Built online app able to record and sort data from catalytic hydrolysis experiments.
  - Worked with Caltech as Solar Energy Activity Lab member to measure electrons from splitting of water.

AWARDS

➢ **National Merit Scholarship Corporation Winner**
  - Scored in top 0.5% of all PSAT test takers.
  - Selected as one 2500 winners selected nationwide from approx. 3.5 million PSAT test takers for outstanding academic record and extracurricular activities.
➢ **University of Southern California Presidential Scholar**
  - Selected in top 0.5% of USC applicants to receive scholarship, early admission to USC Viterbi School of Engineering, and designated housing.
➢ **Certificates of Recognition - Assemblymember Laura Friedman, Senator Anthony Portantino**
  - Selected as 1 of 3 delegates to represent district at 2018 California Boys State Convention in Sacramento.
➢ **2017 FIRST World Championship Qualifier, Engineering Inspiration Award**
  - Member of Robotics Team that qualified for World Championship (top 10% of teams).
➢ **Crescenta Valley High School Scholar Athlete Achievement Award**
  - Achieved highest GPA on team as member of Crescenta Valley High Basketball Program.