

Samuel Andrew Bondoc

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Campus

567 E. Peltason Dr., Rm. #209
Irvine, CA 92617

Home

31421 Seminole St.
Temecula, CA 92591

EDUCATION

University of California, Irvine

Expected Graduation Date: *June 2022*

- **Bachelor of Science in Computer Engineering**
- GPA: **3.53/4.0**

SKILLS

- Coding - **JavaScript, Python, Java, C++, HTML**
- Design - **Paint.NET, Audacity, Photoshop**
- Tools - **IDLE, Arduino, MS Visual Studio, MATLAB**
- Foreign Languages - **Spanish** (conversational)

SOFTWARE DESIGN AND TEACHING EXPERIENCE

Founder, CEO (PackLock)

July 2018 – Present

- Creation/debugging of software and production of mechanism for locking device designed to protect delivered packages in a consumer-oriented IoT startup company | **Java, C++, HTML • Arduino • Paint.NET**

Violin Tutor (Self-Employed)

November 2017 – Present

- Private one-on-one critiquing and guidance for a growing number of beginning players tailored to the individual, including written and physical exercises designed to steadily increment progression

RESEARCH EXPERIENCE

Undergraduate Research (University of California, Irvine)

September 2018 – Present

- In charge of collaborative code development for thermal topology optimization in nanoscale materials and devices in the Nano Thermal Energy Research group (NTER) | **Python, C++, Java • MATLAB**
- Independently studying upper-division thermodynamics under the supervision of a faculty mentor

LEADERSHIP AND ATHLETIC EXPERIENCE

UCI Symphony Orchestra (University of California, Irvine)

September 2018 – Present

- Qualified to play as Violin II, 2nd stand out of 16 select violinists in one of the university's premier large performance ensembles predominantly filled with music majors and seasoned musicians

Science Olympiad Event Leader (Great Oak High School)

August 2017 – May 2018

- Designed over 12 versions of free-flight model aircraft for the school "A-team" and was the primary consultant for the performance-to-mass efficiency build event for 7 members from 4 teams

Wrestling Team (Great Oak High School)

August 2014 – March 2018

- Earned the 126-lb. starting varsity spot from a team of over 40 wrestlers while developing teamwork skills and rigid discipline in a physically and mentally demanding, high-intensity training environment

AWARDS

Riverside County Seal of Multiliteracy (Great Oak High School)

November 2017

- Achieved high level of attained proficiency in English and Spanish assessed in a rigorous, multi-step literature and interview application process