

Isaac Siegel

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Experience

Co-Founder, Developer at Bronco Scheduler

February 2014

- ❖ www.BroncoScheduler.com **3100+** Unique Users, **6600+** Views
- ❖ Used Javascript and HTML to develop the prototype visual calendar view
- ❖ Implemented class tracking data collection and organization
- ❖ UX Development with Bootstrap
- ❖ User enters possible class times, returns an optimized schedule based on preference filters

HackPoly Hackathon Team Participant

January 2014

- ❖ Developed an award-winning scheduler application in Java/JavaFX in a **24 hour** period, **0 Sleep**

Programming Instructor at UCode

July 2013-Present

- ❖ Assumed significant responsibilities including leadership and management of instructors, analysis of teaching methodology, and advising on curriculum planning and implementation.
- ❖ Taught young students 1-on-1 to program in HTML, CSS, JavaScript, Scratch
- ❖ Total of **600 Sessions** for **1000 Hours** over 10 month period
- ❖ Helped to grow the startup into 300+ students, and begin expansion

Leadership Camp Counselor, RYLA

2009-Present

- ❖ Implemented annual retreat to train youth in leadership, team building, and public speaking skills

Executive Aid & Assistant Governor, District 5280 Rotary International

2008-2012

- ❖ Co-Lead a regional team in coordinating youth volunteer efforts for humanitarian projects (ex: raised funds to purchase **3000+ vaccinations** to eradicate polio).

Skills

Java Development

- ❖ Personal Project: BookListKeeper- I coded a Selection-Sort Algorithm to sort book titles alphabetically

HTML, CSS, & JavaScript

- ❖ Developed a Personal Website from scratch, JavaScript Hexadecimal Converter, Exchange Rate/Basic Arithmetic Calculator

C++: Developed an ISP package cost calculator

Databases / SQL: Built 4 table database with proper constraints & cascade delete mechanisms

Development Environments: Eclipse, IntelliJ, WebStorm, Sublime Text, VIM

Hobbies

- ❖ **10 Years** of French Horn Study & Performance, Spanning **15** Music Organizations
- ❖ Lunar and Eclipse Astrophotography

Education

California State Polytechnic University, Pomona

2012-Present

- ❖ Bachelor of Science in Computer Science (Expected 2016)
 - ❖ Major Coursework: Data Structures, Object Oriented, MIPS Assembly, Spring: C++, Databases
 - ❖ Support Courses: Single and Multi Variable Calculus, Physics Series
- References Available Upon Request