Jacob Hanson-Regalado

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EDUCATION

Diablo Valley College   **Pleasant Hill, CA**
- Major - Computer Science   *Sophomore*
- Coursework -   GPA 4.0/4.0
    - Programming with Java
    - Advanced Programming with C and C++
    - Object Oriented C++ Programming
    - Assembly Language Programming For x86 Processors (in progress)
    - Data Structures (in progress)

Benicia High School   **Benicia, CA**
- Principal Scholar's Honor Roll for GPA above 4.0   *Class of 2018*
- National Honors Society   GPA 4.2/4.0
- Varsity Baseball

PROJECTS

trackIt (jacob-hanson.com/trackIt)   **Benicia, CA**
Web App   *May 2019*
- Developed a free small-business tool used to keep track of profits
- Users create sale/purchase items and enter in transactions regarding those items
- Emphasizes REST API development, MVC design, database design, and mobile-friendly front-end design
- Flask API implementation, handlebars.js front-end templating, SQLite with SQLAlchemy database implementation

CashOut (jacob-hanson.com/cashout)   **Pleasant Hill, CA**
Hackathon Website   *April 2019*
- Won first place in DVCHacks 2019
- Collaborated with a team to develop a croudsource ATM website where users can either post offers to sell or buy cash in exchange for an online transaction of a greater amount
- Emphasizes REST API development, MVC design, database design
- Flask API implementation, handlebars.js front-end templating, SQLite with SQLAlchemy database implementation

jacob-hanson.com   **Benicia, CA**
Personal Website   *October 2018*
- Created a personal website/portfolio to tell the world more about me
- jQuery frontend, hosted on AWS EC2 running Nginx with Let's Encrypt SSL certificate management

TJEF.org   **Benicia, CA**
Professional Website   *October 2018*
- Designed, created, and maintain informative website conveying the purpose of The John Ernest Foundation
- *Uses CSS flex-boxes* for a mobile first design, emphasizing a great user experience on any device type
- jQuery frontend, hosted on AWS EC2 running Nginx with Let's Encrypt SSL certificate management

EXPERIENCE

International Summer School of Science Heidelberg   **Heidelberg, Germany**
Research Assistant   *July 2018 - August 2018*
- Selected as one of twenty-four students internationally to attend intensive four-week program in Germany
- Worked in the Physics Institute of the University of Heidelberg with Ph.D. students
- Coded in Python using a Raspberry Pi 3 and camera module to create various laser imaging experiments