

# Jason Heron

Santa Cruz, CA  
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## EXPERIENCE

- **Project Manager, SEADS Project – Santa Cruz, CA** *October 2014 – Present*
    - Build a frontend website using Django and PostgreSQL. Import old functionality from previous PHP site.
    - Optimize handling large streams of incoming data on backend.
    - Visualize data for user.
    - Build companion IOS app.
    - Organize team of four other developers.
  - **Undergraduate Research Assistant, UC Santa Cruz School of Engineering – Santa Cruz, CA** *January 2014 - Present*
    - Working with global socioeconomic data to visualize and predict energy usage factors and trends.
  - **TA for Compiler Design (CMPS104A) – Santa Cruz, CA** *October 2014 - Present*
    - Hold bi-weekly sections and give feedback on assignments
  - **TA for Data Visualization (CMPS80L) – Santa Cruz, CA** *January 2014 - Present*
    - Hold bi-weekly sections and give feedback on assignments
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## EDUCATION

- **Bachelor of Science in Computer Science, UC Santa Cruz – Santa Cruz, CA** *Expected Graduation: June 2015*
    - Deans Honor List
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## SKILLS

### Languages

- Python
- Java
- C
- C++

### ● Make

- MIPS
- JavaScript
- HTML/CSS
- Haskell

### Edit, Compile, Debug

- gcc
- XCode
- Vim

### Version Control

- Git
- Github

### Operating Systems

- Windows
- Linux
- OSX

### Frameworks

- Flask
- Django

### Project Development

- Scrum
  - Prototyping
  - Team Player
  - Leadership
  - Project Planning
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## PROJECTS

- **Programmer, Hackathon Finalist, UCSC Hackathon 2014** *Winter 2014*
  - Built a rent analysis app using crowdsourced rent prices and the Zillow api.
- **Lead Programmer, Build A Reddit Bot** *Spring 2014*
  - Webapp that builds reddit bots based on users specifications.
- **Programmer, Data-Fusion** *Spring 2014*
  - Internal tool that merges data sets from different sources, uses fuzzy string matching to merge like data fields.
- **Lead Programmer, Kaggle Loan Default Prediction** *Winter 2013*
  - Lead member of a data science team trying to predict loan defaults using machine learning.
- **Programmer, ScrapeMyProfessor, In-Progress** *Present*
  - Building an API for ratemyprofessor to be used for enrollment prediction machine learning research.