

# KEITH HEACOCK

BACKEND DEVELOPER

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## Employment

### Math Teacher

MATHNASIUM

2017, 2018-Present

Taught students aged 6-17 math topics ranging from Addition to Pre-Calculus. Extemporaneously generated engaging, creative, and challenging curriculum that created an immediate result while also providing a solid foundation for future learning.

### QA Intern

V5 SYSTEMS

2017

Streamlined the test and maintenance process to ensure all deployed units were healthy and operational. Consulted on Computer Vision methods for person and car detection. Mentored a High School Computer Science Intern.

### Business/Software Development Intern

ACCELION HEALTH

2013

Leveraged publicly available data sets to create reports about pain points of prospective clients without additional cost. Created a data warehouse to programmatically generate reports, reducing lead-time from several days to 1 hour.

### Languages

- C++
- Java
- C
- Python
- SQL

### Libraries/Technologies

- Docker
- Linux
- Windows Server
- Postgres
- AWS

### Tools

- Git
- Bash
- Excel

## Education

### Computer Science, B.S.

UNIVERSITY OF CALIFORNIA SANTA CRUZ

2017-2019

Regents Scholar. Specializing in Databases, Web Applications (planned), and Advanced C++ programming

## Volunteer Experiences

### Network Refurbishment

PRESBYTERIAN CHURCH OF LOS GATOS

2018

Installed 1,500 ft of Cable and 6 Access Points to increase reliability and usability. Trained the Office Manager on Network Best-Practices

### IT Revitalization

BOYS AND GIRLS CLUB, GREATER CONEJO VALLEY

2016

Re-provisioned all computers and implemented group policy and other security to ensure that technology was used appropriately and non-destructively by the kids. Created provisioning scripts along with documentation and training for after I left. Was awarded volunteer of the year for my efforts