

# Jason R. Parham

PH.D. STUDENT · COMPUTER VISION

2-101 Waters View Cr, Cohoes, NY 12047

☎ (714) 814-5305 | ✉ parhaj@rpi.edu | 📱 bluemellophone | 🌐 parhaj



*"Must be the change that you want to see in the world."*

## Summary

---

TODO

## Education

---

### Rensselaer Polytechnic Institute

DOCTOR OF PHILOSOPHY · COMPUTER SCIENCE · COMPUTER VISION

- Advised by Dr. Charles V. Stewart, Computer Science Department Chair
- Anticipated Graduation: May 2018
- Cumulative GPA: 4.0

Troy, NY

Aug 2012 - PRESENT

### Rensselaer Polytechnic Institute

MASTER OF SCIENCE · COMPUTER SCIENCE · COMPUTER VISION

- Master's Thesis: "Photographic Censusing of Zebra and Giraffe in the Nairobi National Park"

Troy, NY

Aug 2012 - Dec 2015

### Pepperdine University

BACHELOR OF SCIENCE · COMPUTER SCIENCE / MATHEMATICS

Malibu, CA

Aug 2008 - May 2012

## Projects

---

### Wildbook (IBEIS) Image Analysis Computer Vision System

GITHUB.COM/WILDBOOKORG/IBEIS

- TODO.

Python / C / C++ / SQLite  
Lasagne / Theano / CUDA

Aug 2013 - PRESENT

### Grading Web Application

GITHUB.COM/SUBMITTY/SUBMITTY

- TODO.

PHP / HTML / CSS / MySQL  
JavaScript / jQuery / AJAX

Sep 2012 - PRESENT

### Intercheck

GITHUB.COM/BLUEMELLOPHONE/INTERCHECK

- An automated SpeedTest logger and graphing web interface for monitoring Internet connectivity
- Designed for use on Raspberry Pi 3 (Model B)

Python

Feb 2015 - PRESENT

### Cryptographically Secure E-Voting Protocol

GITHUB.COM/BLUEMELLOPHONE/JDKK-PROTOCOL

- TODO.

Python

Mar 2013 - May 2013

### Cryptographically Secure ATM Communication Protocol

GITHUB.COM/BLUEMELLOPHONE/JTM-PROTOCOL

- TODO.

C++

Sep 2012 - Nov 2012

## Experience

---

### Rensselaer Polytechnic Insitute

GRADUATE RESEARCH ASSISTANT

- TODO.

Troy, NY

Aug 2014 - PRESENT

### Rensselaer Polytechnic Insitute

GRADUATE TEACHING ASSISTANT

- Head administrative TA for Computer Science I and Computer Vision, lab instructor, and office hour proctoring
- Managed up to 11 TAs, automated grading and distribution system for classes up to 670 students

Troy, NY

Aug 2012 - PRESENT

## Kitware

COMPUTER VISION RESEARCH INTERN

- TODO.

*Clifton Park, NY*

*May 2015 - PRESENT*

## Self-Employed

FULL STACK WEB DEVELOPER

- TODO.

*Cohoes, NY*

*Aug 2012 - PRESENT*