

# JACKSON MONIAGA

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## PROFESSIONAL TOOLBOX

- Production experience building with: Python/Django, JavaScript and jQuery, HTML, CSS/SCSS, PostgreSQL, and Git.
- Also familiar with: React, MongoDB, Java, C, Ruby, and OSX/Linux.
- Willing to learn: assorted JavaScript libraries, Rails, other MVC Frameworks.

## WORK EXPERIENCE

### *Employment Gap*

2015-Present

- Worked side jobs part-time, addressed comprehensive health issues, gained perspective, and refocused my efforts.
- Spent the better part of a year traveling: Roadtripping; Backpacking; Visiting family in Indonesia.
- Ingested copious online courses, video tutorials, and documentation.
- Engaged with new technologies; refined data structures/algorithms chops.

### **Kinsights** San Francisco, California

Jan 2014 – Jan 2015

*Software Engineer - Python/Django, PostgreSQL, JavaScript/jQuery, HTML, CSS*

- Brought onboard startup as employee number 2 to expand and engage the user base.
- Developed several key features that helped company to pivot, find serious traction, and get acquired.
- Overhauled user onboarding interface to boost user engagement and conversion rates.
- Collaborated with seasoned UX lead to transform modern front-end designs into dynamic user experiences.
- Wore many hats developing across the full stack; spearheaded: unit testing, growth engineering, and mobile web.

### **Ronald McDonald House Portland / Bowdoin IT - Homebase** Brunswick, Maine

Jan 2012 - Aug 2012

*Web Developer - PHP, MySQL, JavaScript, HTML, CSS*

- Built volunteer registration & scheduling system for local charity.
- Designed backend infrastructure; Implemented functional and intuitive user interfaces.
- Gained experience with agile development process; held weekly meetings to review, scrap, and plan features.
- Followed project through summer after spring semester to polish and ship it.

### **Bowdoin IT, Student Technical Services** Brunswick, Maine

Aug 2009 – May 2013

*Technician*

- Consistently led team in resolving cases.
- Internalized and followed protocol for virus removal, software support, data recovery, hardware diagnostics and repair.
- Composed and designed newsletter outlining the products and services provided by Bowdoin IT.

*Manager (promoted Jan 2011)*

- Supervised and trained coworkers in investigating and resolving technical issues.
- Took responsibility for and tracked progress of cases at the Student Help Desk.
- Wrote procedural documentation for technicians.

## EDUCATION

### **Bowdoin College**, Brunswick, Maine

*Bachelor of Arts, Computer Science and Philosophy*

May 2013

CS GPA: 3.5

*Relevant Coursework:* Computer and Network Security, Computer Organization, Cognitive Architecture, Nature Inspired Computation, Data Structures, Algorithms, Mobile Computing

*Projects & Research:*

- Nutrition Log: iOS application that tracks nutritional content of food consumption.
- Machine Vision & Learning: Use neural networks to recognize handwritten numbers and letters.
- P2P Streaming: devised a model for streaming Peer2Peer video maximizing scalability and playback performance.

## INTERESTS

- Game mechanics, emerging web technologies, IoT, AI, delivery/transportation networks.
- Basketball, motorcycling, psychology, health & fitness, cooking.
- Languages in order of proficiency: English, Indonesian, and Mandarin.