

Robin Hill

Brooklyn, NY ▪ robin@inthescales.com

Technical Qualifications:

- Software developer with 7 years of industry experience and education in computation theory.
- Programming languages: Swift, Objective-C, Python, Ruby, Javascript + HTML/CSS, C, C++, Java
- Applications: Xcode, Microsoft Visual Studio 2008/2010, Eclipse, Git / Github
- Operating Systems: Mac OSX, Linux (Ubuntu), Windows (XP – 10)

Industry Software Development Experience:

Amikumu, Inc.

New York, NY

Software Engineer (part time)

January 2018 – Present

- Served as sole iOS developer on upcoming social media app.
- Renovated existing app overhauling UI, adding features and tests, and restructuring code.

Tumblr, Inc. / Oath

New York, NY

Software Engineer

June 2016 – January 2018

- Contributed to development of established iOS app, with a focus on advertising and related metrics.
- Corresponded with developers at Facebook to integrate their third-party ad services library and update our usage in response to API changes.
- Wrote and deployed server code for app configuration.

Animoto, Inc.

New York, NY

Software Engineer

August 2013 – December 2015

- Developed and expanded production iPhone and iPad app.
- Took part in high-level design discussions and wrote code touching all parts of the app.
- Responded to sudden changes in Apple systems and OS to keep code functional and take advantage of new system capabilities.

FactSet Research Systems

Norwalk, CT

Software Engineer

June 2011 – June 2013

- Developed various client-facing Windows GUI applications, primarily using MFC in C++.
- Overhauled C++ control's graphical frontend while maintaining backend consistency across several consuming applications with different requirements.
- Modified control API to access and package data from servers to fit different consumers' needs. Used COM for communication between processes and across languages.

Computer Science Research Experience:

University of Rochester, Department of Computer Science

Rochester, NY

Undergraduate Research Assistant under Dr. Chen Ding

Summer 2010

- Wrote new optimization pass for GCC to automatically insert code belonging to a system for multi-processor speculative optimization developed by Dr. Chen Ding.
- Gained skill working on a large code base with minimal documentation.

University of Houston, Department of Computer Science

Houston, TX

Research Experience for Undergraduates (REU) program under Dr. Stephen Huang

Summer 2009

- Researched, designed, and implemented algorithms for detecting potential network intrusions
- Used several variations on the Dynamic Time Warping algorithm to detect SSH tunneling in spite of attempts to disguise this activity.

Computer Science and Liberal Arts Education

University of Rochester

B.S. in Computer Science, B.A. in Linguistics, and Minor in Philosophy

- GPA 3.64/4.0; Deans List 8 of 8 semesters

Rochester, NY

graduated May 2011