TJ Maynes

LOCATION	New York, New York	WEBSITE	www.tjmaynes.com
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Skills

INTERESTS	iOS Development, Software Engineering, APIs
LANGUAGES	Objective-C, Ruby, Javascript, C++
IOS	Cocoapods, Fastlane, Model View Controller, Concurrent Core Data, Continous Integration with Travis-CI, Programmatically building Views, Specta/Expecta
APIS	HealthKit, Github, Yahoo Finance, NetworkX, OpenCV
OTHER	Git, Debugging, Shell scripting, Ruby on Rails, RSpec, Sinatra, Open Source Software, HTML5/CSS3, BackboneJS, D3js, basic TCP networking, basis GPU knowledge, Blogging, LaTeX

Education

Bachelor of Science, Computer Science   May 2015
University of South Florida, Tampa, FL

COMPLETED COURSES	Analysis of Algorithms, Data Structures, Object-Oriented Programming, Software Testing, Operating Systems, Advanced Discrete Structures, Web Apps Design

Industry Experience

Rejuvenan Global Health, Inc.   May 2015 - Present
New York, NY   Software Engineer/Full-Time

- Building the Juve iOS application and working on parts of our Ruby or Rails backend. Primarily working with Objective-C and Ruby. Designing and scaling out our main iOS app, setting up build/deploy pipeline with Fastlane, and creating Trello cards for priority-based work.

Spatial Networks Inc.   February 2013 - August 2013
Clearwater, FL   Internship/Part-Time

- Assisted in the design and development of a geographical data collection application. Operations included debugging/fixing frontend issues and creating an admin dashboard using D3js. Primarily working with Ruby on Rails and Coffeescript.

Palmetto Computer Labs LLC   March 2012 - September 2012
Columbia, SC   Social Media Strategist/Part-Time

- Worked on photo/video documentation of daily operations for marketing purposes, as well as providing assistance with guest lecturers. Also, taught a class on GIMP (open source photo manipulation software).

Projects

BEST Program   August 2014 - May 2015
Tampa, FL   Team Leader

- Developed a client/server video streaming application using C++ and OpenCV, managing communications between customer and team members, and keeping up with project milestones.

CannyBot   February 2015 - May 2015
Tampa, FL   Team Member

- Programming the NAO Robot to draw shapes that it "sees" using the Python programming language and OpenCV on Windows. Concepts such as edge detection, pixel position interpolation, and forward kinematics were implemented in this project.

Production Experience

Sex Ed
Tampa, FL

July - August 2013
Digital Image Technician

- Responsible for the coordination of the internal workings of the digital camera, archive and manage the digital data, create compressed dailies from raw footage and prepare all digital images for post-production.

Wind Walkers
Tampa, FL

November - December 2013
Grip/Electric

- Responsible for building and maintaining all the equipment that supports cameras. This equipment, which includes tripods, dollies, tracks, jibs, cranes, and static rigs, is constructed of delicate yet heavy duty parts requiring a high level of experience to operate and move.

Chu and Blossom
Tampa, FL

July - August 2012
Grip/Electric

- Responsible for building and maintaining all the equipment that supports cameras. This equipment, which includes tripods, dollies, tracks, jibs, cranes, and static rigs, is constructed of delicate yet heavy duty parts requiring a high level of experience to operate and move.

Edge of the Woods
Tampa, FL

March 2012
Production Assistant

- Set PAs work on the physical set of the production, whether on location or on a sound stage. Duties include echoing (calling out) "rolls" and "cuts", locking up (making sure nothing interferes with a take), wrangling talent (actors) and background, facilitating communication between departments, distributing paperwork and radios, and related tasks as mandated by the ADs.

Organizations

Association of Texas Photography Instructors
Arlington, TX

February 2011 - Present
Volunteer

Alpha Sigma Phi
Tampa, FL

August 2013 - May 2015
Founding Father

Southern Interscholastic Press Association
Columbia, SC

March 2008 - March 2012
Volunteer

References available upon request.