

TJ Maynes

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Education

Bachelor of Science, Computer Science May 2015

University of South Florida, Tampa, FL

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

Associates of Arts

July 2013

St. Petersburg College, Clearwater, FL

COMPLETED COURSES Applied Ethics, Public Speaking, Business Writing, Introduction to Philosophy, General Psychology

Skills

INTERESTS iOS Engineering, APIs, Image Processing

OPERATING SYSTEMS OS X & Ubuntu

LANGUAGES Objective-C, C/C++, Ruby, Javascript

APIS HealthKit, Github, Yahoo Finance, NetworkX, OpenCV

OTHER Git, Bash, Cocoapods, Ruby on Rails, Python, OSS, HTML5/CSS3, MVC, D3js, Backbonejs, basic TCP networking, L^AT_EX, debugging

Industry Experience

Rejuvenan Global Health, Inc.

May 2015 - Present

New York, NY

Software Engineer/Full-Time

- Building the Juve iOS application with work surrounding the HealthKit API. Primarily working with Objective-C and beginning to dive into Swift. Also, spent a good bit of time optimizing our web frontend and adding API endpoints to our Spring MVC backend.

Spatial Networks Inc.

February 2013 - August 2013

Clearwater, FL

Internship/Part-Time

- Assisted in the design and development of a geographical data collection application. Primarily working with Ruby on Rails and Coffeescript.

Palmetto Computer Labs LLC

March 2013 - September 2012

Columbia, SC

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 (Undergraduate Research)

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.