

Ruben Martinez Jr.

Entrepreneur, Developer, Technologist

Education

Bowdoin College, '15

Bachelor's Degree, Computer Science, Visual Arts

Activities:

Organized CBBhacks Hackathon; President of IT Advisory Council; Tech Talk Radio Show on WBOR 91.1FM

Experience

Frontend Engineer at **Well Health Inc**

09/2015—Present

- Built and deployed a HIPPA-compliant messaging platform as a progressive web app, making use of Service Workers and the Web Push API.

Lead Instructor at **All-Star Code**

06/2015—Present

- Introduced a class of 20 young boys of color to web & mobile app development, robotics and physical computing, learning languages like Python, JS, and C.

Writer at **Apress Media**

02/2015—06/2015

- Co-authored a book on teaching Swift development of Apple Watch apps using WatchKit 1.0.

Web, iOS, Android Dev at **WBOR 91.1FM**

10/2012—Present

- Maintained the WBOR radio station website at wbor.org, and developed iOS & Android apps for mobile listening.

Data-Driven Societies TA at **Bowdoin College**

01/2015—Present

- Guided students through learning to use tools like R, R Studio, Excel, CartoDB, and others.

Web Development Intern at **Digett**

05/2014—08/2014

- Developed and deployed a product for an early-stage medical startup using Ember.JS & Rails.

CS Lab Instructor at **Bowdoin College**

09/2012—05/2014

- Introduced students to data structures, recursion and debugging.

Chrome Academy Student at **Google**

06/2013

- Collaborated with a group to create a real-time "smart" note-taking app using Python-Django and Polymer.

Gibbons Research Fellowship at **Bowdoin College**

05/2013—09/2013

- Designed a genetic algorithm that interfaced with a boid swarm to generate visually interesting behaviors.

NSF Grant Intern at **Bowdoin College**

05/2012—08/2012

- Researched methods of mitigating backdoor attacks in the Linux kernel.

Side Projects

GroupCodes (Web)

- Built a real-time collaborative web-based code editor aimed at students working together on projects.

Infinitweet (Chrome/iOS/Android)

- Created a social media tool for Chrome, Android & iOS for sending "infinitely" long tweets, by converting text to images optimized for Twitter.

Twindr (iOS)

- Created a social media tool for iOS for unfollowing Twitter users by swiping left or right, based on Tinder.

TouchLocker (iOS)

- Launched the first TouchID-secured photo locker on the App Store, TouchLocker.

Bowdoin Dining & OneCard (iOS/Android)

- Developed iOS and Android applications for Bowdoin College used by over 900 students and faculty.

HomeCheck (Web)

- Agile-developed web software for elderly volunteers, meeting on a weekly basis to ensure maximum usability.

TextbookLoop (Web)

- Collaborated with a team to design and build a "Craigslist for Textbooks" at MHacks 2014 using Python.

Pepperflip.me (Web)

- Created an online game using WebGL and Three.js based off of a Bowdoin College tradition.

LittleData (Web)

- Developed a web art experiment using WebRTC and Web Audio API to translate camera input to sound.

Dining with Strangers (Web)

- Built a social discovery platform used by over 200 people that connected nearby users & created friendships based on mutual interests.

For more details and links to my side projects, visit my website at <http://ruben.codes>.

Skills

HTML5 • CSS3 • ECMA2015 • jQuery • React • Meteor.JS • Ember.JS • Ruby on Rails • Three.JS • Swift • Objective-C • Python • R • Java • Git • Mercurial • Cordova/PhoneGap

Contact Info

Mobile	210.860.0656
Email	me@ruben.codes
Twitter	@rubencodes
LinkedIn	linkedin.com/in/rubencodes
GitHub	github.com/rubencodes
Website	ruben.codes