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Personal Projects

Bitcoin Newsletter

Dec 2017 - Current

[HTTPS://STEFANOVIC.VENTURES/CRYPTONEWS](https://stefanovic.ventures/cryptonews)

- Created an educational cryptocurrency newsletter with over 100 subscribers under 1 week.

Swirl

Sep 2017 - Current

IOS APPSTORE PROJECT

- Full stack solution for video-sharing app (similar to Vine).
- Developed cryptocurrency token based off Ethereum.

TryBroccoli.com

Dec 2016 - Current

BUSINESS VENTURE

- Co-founder of mobile medicine delivery company.
- As the full stack developer, wrote back-end and front-end for iOS and Web.
- Notable tools used: Instagram List Kit, Firebase, Vapor.codes (backend), Stripe, and Heroku.

Easycoins.github.io

Aug 2017

CRYPTOCURRENCY PRICE MONITOR

- Website to follow Ether to USD exchange rate graphs in a quick fullscreen view.
- Extended macOS to support website screensavers.

@EtherUSD

Jul 2017

CRYPTOCURRENCY TWITTER BOT

- Twitter bot that tweets the current exchange rate of Ether to USD every twenty minutes.
- Technology used: Node.js, Heroku, Kaffee for Heroku, and Coinbase API.

Security - Password Manager

Jul 2017

IOS APPSTORE PROJECT

- Full stack development solution for simple password management.
- Created a blog to educate internet users on the simple and effective changes they could make to protect their data.

WordUpp

Mar 2015

IOS APPSTORE PROJECT

- Designed and developed an effective solution for requesting music to DJ's and artists during live shows or concerts.
- Learned Swift application development with multiple screens, and how to save data locally.

DayFill

Mar 2015

HACKATHON PROJECT

- Implemented an application in C and Javascript that sent gyroscope data to Facebook Parse.
- Developed an iOS application in Swift that displayed the data from Facebook Parse graphically.

Willy the Whale

Mar 2015

IOS APPSTORE PROJECT

- Developed a simple SpriteKit game on iOS inspired by popular game at the time with a simple change.

Sorting HApp

Jan 2015

IOS APPSTORE PROJECT

- Developed a Harry Potter themed application using iOS Core Motion and Core Audio API.
- Learned and used Facebook SDK for iOS in Swift before documentation was released.

TwittBuff

Oct 2014

FREELANCE SOCIAL MEDIA AUTOMATION

- Developed a downloading Python script to save up to 32,000 tweets from any account.
- Created an uploading Python script to post all tweets to any BufferApp account.

Work Experience

Axiom Zen

May 2016 - Sep 2016

iOS SOFTWARE ENGINEER

- Worked on design, development, and architecture of Talera iOS, a business HR recruiting app
- Developed prototype for several dating iOS applications and released to beta testers
- Built a prototype augmented reality game in spare time, which was green-lighted and then built on company time

BroadbandTV

Jul 2014 - May 2015

CONTENT CLAIMING SPECIALIST

- Communicated with Sony Pictures Entertainment and several other company's representatives to collect copyright protocols
- Used Youtube's Content Management System to claim (up to 400 daily) videos for clients

Linquet

May 2014 - Jun 2014

MOBILE SOFTWARE ENGINEER

- Introduced to small team startup culture and lifestyle, and worked on hardware, software, and used multiple frameworks
- Implemented Bluetooth low-energy over-the-air (OTA) download for iOS and Android and increased firmware update speed by 300%

Education

The University of British Columbia

May 2017

B.A.S.C. IN COMPUTER ENGINEERING

Software Engineering Option

Awards

Apple Scholarship

2015

WORLD WIDE DEVELOPERS CONFERENCE

- Awarded WWDC scholarship from Apple by developing a resume iOS application, written in Swift within 10 days
- Spent seven days in the World-Wide Developers Conference networking with Apple employees and other conference attendees

Best Use of iOS/OSX

2015

NORTH WEST HACKS

- Proposed idea which was accepted and designed sustainable battery recharging prototype hardware and software
- Awarded Apple's top prize (Best Use of iOS/OSX) at the Western Canada's largest Hackathon – nwHacks

Honourable Mention

2013

UBC IEEE PROJECT FAIR

- Wrote C code for semi-autonomous robot in a group of five students for a semester long project course
- Awarded \$100 at university project fair for electromagnetically tethered robot's capability to simulate parallel parking