

Stephen Melinyshyn

Software Engineering

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Work Experience

Summer
2016



Wattpad, Software Engineering Intern - wattpad.com

- Brainstormed, developed, and shipped new features and improvements to Wattpad's iOS app
- Intern on Product Growth team, responsible for creating, implementing, and running A/B experiments to accelerate user growth through thoughtful and rapid iteration

Personal Projects

Fall
2016



Nfinite.space, Distributed Cloud Storage Service - bit.ly/nfinite

- Prize-winning cloud storage service that stores files without the need for a datacenter by intelligently and dynamically sharding files to connected peers
- Solely responsible for developing our backend using Go and CockroachDB on AWS

Spring
2016



WWDC Student Application - bit.ly/my-wwdc16

- Winning application for Apple's WWDC Student Scholarship in 2016
- Designed and developed independently from the ground up
- Featured a beautiful custom stacked cards interface with a natural UX

Winter
2015



Chkmail, Gmail In Your Terminal - bit.ly/chkmail

- Elegant command-line based Gmail client written entirely in Go
- Enables quick checking of email right from the comfort of your terminal
- Utilized OAuth, Gmail API, terminal user interfaces

Fall
2015



NearbEYE - bit.ly/nearbeye

- Winning augmented reality app to help explore the City of Waterloo with open data
- Implemented model layer and key algorithms for selecting relevant data based on user location and compass direction

Spring
2015



Project Clay, Server-side Service - bit.ly/projectclay

- Recreated a personalized version of Twitter's "Activity" feature in Go with MongoDB
- Collected, analyzed, and stored millions of tweets in order to detect near real-time events using AWS infrastructure

Awards & Recognition

Apple's WWDC Student Scholarships, 2014, 2015 & 2016

- Won international competition for a ticket to Apple's World Wide Developers Conference in 2014, 2015 and 2016
- Developed an Objective-C & Swift application with creative and playful UI
- Judged and chosen by Apple out of thousands of applicants to receive scholarship

Skills

Proficient: Go, C++, Objective-C, Swift

Familiar: Python, SQL

Tools: Vim, Git, Xcode, AWS

Education

University of Waterloo, Expected 2020

Bachelor of Software Engineering