

# Alec Joseph Dilanchian

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## Education

**University of Central Florida, Orlando, FL**  
Bachelor of Science in Information Technology  
Minor: Business

01/2013-05/2017

## Experience

**SightPlan, Orlando, FL** 02/2015-Current

*Associate Developer Intern*

- Helped maintain and develop new features using Ember.js, SASS, and HTML
- Built and deployed three customer facing sections of the SightPlan Web Client (My Profile section, Users section, and Residents section)
- Created a desktop application using Electron web wrapper utilizing JavaScript, Chromium, HTML, CSS, and node.js

**Apple Retail Store, Orlando, FL** 03/2014-05/2015

*Specialist*

- Assisted customers with troubleshooting Apple hardware and software problems
- Researched the latest innovations in order to stay up to date on upcoming technology
- Followed strict Apple guidelines and protocols in order to enable customers to have the best Apple experience

## Projects

- **Cycles** - Apple Watch and iOS Application: A fully designed Apple Watch application, created using Swift, approved by Apple for beta testing; <http://www.getcyclesapp.co>
- **SwiftCode** – iMessage Application: Swift 3.0 iMessage application created at **HackRiddle 2016** that allows users to quickly and easily collaborate through blocks of formatted, prototype code with friends through iMessage.
- **NerdBrander** – Wordpress Site: This site was developed to give back to the Orlando tech community by offering mentorship opportunities. It is also fully accessible; <http://www.nerdblander.com>
- **Memories** - Single Web Page Application: Used Ember.js, Node.js, and MongoDB at **HackGT 2016** to create a web application that users your most liked memories from your social media account and creates a virtual time capsule
- **Gainzs** - Android Mobile Application: Created a dollar to calorie ratio calculator that pinpoints restaurants and gives you the best calorie per dollar ratio using Java at **IoT Hackathon 2016**
- **The Forest** - Create Your Own Adventure: Text based adventure game that you play on Apple Watch; created with Swift at **UHack 2016**
- **SightPlan Desktop Application**: Used electron framework from Github to develop a Mac OS and Windows OS application for the internal use of SightPlan employees; implemented an auto-sign in feature, PDF Viewer, and native menu bar
- **Virtual Boggle Board Game**: Created a virtual version of this classic board game using Java
- **Mineral Oil Submerged Computer**: Fabricated a motherboard out of acrylic and added an internal pump to cool oil through the radiator

## Technical Skills/ Activities/ Coursework

### ▪ **Programming Languages:**

Elementary Level Java, Intermediate Level C, Intermediate Level Swift, Intermediate Level JavaScript, Intermediate Level HTML & CSS, Intermediate Level Git, Intermediate Level Command Line

### ▪ **Related Coursework:**

Introduction to Discrete Structures, Database Concepts, Object Oriented Programming, Computer Science I, Computer Architecture, Security in Computing, Human Technology Interface, Operating Systems Concepts

### ▪ **Activities:**

Dean's List Recipient Falls 2015, YES Scholar, Orlando iX Volunteer, Participated in OpenAIR Accessibility Challenge

### ▪ **Hackathons**

UHack 2016, Mango Hacks 2016, Sudo Hacks 2016, IoT AT&T Hack 2016, Hack GT 2016, HackRiddle 2016