**Kelsey Cameron**

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**Linkedin Profile,** [**http://tinyurl.com/awfd5ez**](http://tinyurl.com/awfd5ez)

Created my first Android App at 17 yrs old and published on Google Play

Google Play Apps: [Lucid Dream Kit](https://play.google.com/store/apps/details?id=com.kelcamer.remaclek) : $.99

[RobotC Instructional Guide](https://play.google.com/store/apps/details?id=com.stobraor.roarbotsrobotc): Free App

Google Play Music Album Cover: [My Creations](https://play.google.com/store/music/artist/Kelsey_Cameron?id=Achs6pu2e266h5cmsbnwbhxzfzm&hl=en)

**OBJECTIVE: To provide fresh energy and a strong work ethic to finish any job my employer requires. To provide software programming for application or embedded software design for summer full time employment or a part time job during college sophomore school year.** P**assion for learning and engineering.**

**TECHNICAL SKILLS:**

Computer Office Skills: MS Office Tools, intermediate user, 4 yrs exp

Programming Skills: C++ object oriented Programming, Objective C, Robotic C, Oviedo High School, UCF

Android OS, App Development utilizing Eclipse, Mountain Beacon, Android 4.3 version, JAVA, XML, Gaining familiarity with Android Studio, and beginning to understand the basics of Gradle integration.

Shell Tool: Tortoise SVN, (Subversion)

1 yr Visual Basic, 3 years HTML Web Based programming, OHS 2011, 2012, 2013

3 yrs JAVA embedded programming for First Robotics Exploding Bacon Team and FTC Oviedo RoarBots.

2 years programming in C, taken Computer Science 1 and Intro to C, and created linked lists, stacks, queues, and trees.

FIRST ROBOTICS Drill Press Certified 2012, **Hand Tools** Certified 2012, Safety Certified 2012

Adobe Dreamweaver CS5 Certified 2013

**PROFESSIONAL EXPERIENCE:**

**Northrop Grumman Corporation June 2015 – August 20, 2015**

**Programmer / Android Developer / IT Assistant Internship**

* I’ve honed my programming skills by completing #1 – 14 (excluding #12) and 36 on Project Euler in order to learn more about efficient programming.
* Reorganized all the old notes from Northrop’s previous database (Issue tracking) to put them inside of the new database. The old database was organized from oldest to newest, and the new one is organized newest to oldest.  Created algorithm to reversed the order of the notes without reversing the actual note itself – autopopulating some of the notes and double sorting them into a reversed list.
* I used an instructional guide to learn about Sharepoint Designer in order to to create parameters, add filters, and make connections, so that the search pages would work correctly.
* I sideloaded wireshark reader and writer onto android, discovered that the writer didn’t work properly, so a coworker and I used the ADB command “pull” in order to copy over PCAP files from wireshark, so we could analyze the traffic using a PC program. This project will be used in an Android application to find the picture of a location to ensure that the device used to detonate bombs will not destroy important buildings nearby.
* I’ve done some Android work, including setting up a Windows Android Developer Environment, creating an emulator, doing research on the kind of code would create a secure communication portal between two Android devices,and I’ve found multiple conceptual solutions for each problem I’ve encountered. (even if I am unsure how to implement it).
* I created programs for encryption: Hill Cipher, Vigenere (matrix) Cipher, and created a program to convert ASCII to binary and back.
* I’ve taught myself how computers add and subtact numbers (One’s and Two’s complement), in order to get a deeper understanding of the   
  connection between programs and the hardware that use them.
* Created over 30 different CAD files in Pro Engineer Wildfire 5 of various objects including laser parts, mini mailbox, an L bracket, a coffee cup, and an LG G2 Phone Dock with Charging Hole and several other concepts. Another intern worked with me to set up and configure a mini 3D printer that uses Repetier Host and Arduino software to print.
* I’ve organized IT reports into different categories (e.g. Enterprise or Native mode), I’ve determined which of these reports use Crystal and which do not, and I’ve extracted the SQL from each Crystal Report, documenting all of my work into a neat Excel Spreadsheet.  I’ve captured links for each report, so they can be easily accessible.

**2015 to Present**

**Nuvolect Testing Android Assistant**

* Working with three Android apps created by Matt Kraus: CounterCloud, CrypSafe, and Photoshield.
* Learning about the EXIF data stored on phone pictures, learning about the concepts of encryption and why it is important
* Learning how to document the features of an Android App,
* Analyzing YouTube Videos and Websites to search for improvements from a user standpoint.
* Learning about the migration from Eclipse to Android Studio, and how to implement Gradle into an Android environment.
* Collaborate with other Testing Engineers to improve features of each of these security apps, and search for new, fresh, design ideas.

**2013 to Present**

Self taught myself XML to build apps on an Android Device and published first APP online

* Taught myself the integration between XML and Java to produce a quality application
* Built the app “Lucid Dream Kit” for $0.99 on the Google Play Store
* Manipulated user-entered strings to save to a file on a cell phone
* Learned how to reference videos on an application, learned the basics of a WIZZYWIG, and taught myself how to program each button, text view, and activity.
* Designed first ever Android app for FTC First Robotics competition for all Robotics Students to download and learn “RobotC Instructional Guide” free app on the google play store
* **I’m learning how to market my app through social networking websites, advertisements, networks, and intelligent engineers.**

**“Mesh” DSCI Inc. – Orlando Florida (Second Internship) 5-2013 to 8-2013**

* Design and Created a build server to automatically compile code utilizing Tortoise SVN, (Subversion)
* Allow for code merging with multiple programmers
* Learned about the Revision Process and how data in a build server is continually saved, with each version saved within one file name
* Created a step by step instruction guide for how to make a build server for anyone who can click a mouse. Connected build server to multiple computers to allow different programmers to access the same code without overriding each other.

**Rini Technologies, Oviedo Fl.** [**www.rinitech.com**](http://www.rinitech.com) **4-2012 to 8-2012**

**Assembly Technician (First Internship)**

Provide Electrical and Mechanical support for Research and Development to Production.

* Cable Assembly: Cut wires, cut heat shrink, Strip large 1 inch Diameter cables, Tin wire assemblies for soldering, Connecting sockets to pins, cut wires to exact dimensions utilizing calipers, cleaning off the flux, and complete continuity test.
* Order manufacturing and production parts, Review circuit diagram and interpret electrical Schematics
* Use methyl ethyl keytone (MEK) – a cleaning chemical, sanitize metal parts including motors, plastic tubing, etc. within a fume hood to remove fumes while parts dry.
* Utilize Safety protective gloves, safety goggles and other protective equipment
* Weigh parts using a triple beam balance, Use with a rock tumbler to debur metal parts
* Take pictures of parts to look for inflammation or corrosion from exposure to MEK

**What I have learned**: Complete Cable Assembly process. Continuity check methods: E = I R (Volts = Current \* Resistance), Safety process for Chemical cleaning, ESD, Production flow of MFG

**Handy Girls, Oviedo Fl.** Founder, Top Laborer 2007-current

Provide Quality Work at a Fair price. Provide solutions to home and garden tasks nobody wants to do including: Weed pulling, Pantry organization, car wash, babysitting, dog walking, laundry, grocery shopping, gift wrapping, Garage organization, and recipes organization.

Gross Profit 2008 over $500 offering the ability to purchase the latest Nintendo DSI on my own.

* **Disassembled and Installed Ceiling Fans**
* **Disassembled, remove, and replace, exterior light Fixtures for Garage.**

**What I learned from owning my small business:** Understand the difference between an Asset and a Liability. Managed weekly schedule for three dog walking families.

**EDUCATION:**

**OVIEDO HIGH SCHOOL**: **Distinguished Honors Program**, ranked 30th in class of 984 students.

Florida Bright Futures Scholarship Recipient. Weighted: 4.4 GPA, Grad 2014

Accepted to UCF Burnett’s Honor College of Computer Engineering

Received Pegasus Gold Scholarship

Completed All Engineering Math core Cal I, II, & III and Differential Equations as a high school senior,

Now a sophomore at UCF with credits.

**AWARDS:**

**Ranked 38th out of 47 teams in Programming UCF Competition 2013**

**Ranked 19th of 984 students of Class of 2014 (Top 3%)**

**2ND Place PTSA Music Composition Seminole County Contest 2013**

**Black Belt Tae Kwon Do, at age 10, 2006**

Yearly piano recitals since age 10

Gold cup: Piano recital 2008, 2009, 2010

(Avid Pianist, multiple video’s YouTube)

“Love of Life” Awarded 2004

Trombone First Chair 2009

**ORGANIZATIONS:**

**UCF Knight links Weekend C Programming Class, Indian Trails Middle School Band**

**MEMBERSHIPS:**

* **Oviedo High School JV Tennis team**
* **OHS Programming Club (President 2014) for two years**
* **FIRST Robotics. Exploding Bacon Orlando Team 2011-12, The Roarbots – Oviedo High**