

# COLIN KING

(443) 564 8322 · colink@umd.edu  
colinking.co

## EDUCATION

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### University of Maryland

B.S. and M.S. in Computer Science with a Minor in Statistics – GPA: 3.97

Advanced Cybersecurity Experience for Students (ACES) Honors Living and Learning Program

Expected May 2018

*College Park, MD*

## EXPERIENCE

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### Gallup, Inc.

*Growth Hacker and System Application Developer Intern*

February 2015 - Present

*Washington, DC/Omaha, NE*

- Developed the StrengthsFinder Analytics Platform from the ground up in .NET; used by sales teams across Gallup.
- Designed a custom search engine used across Gallup's sites, performed sales metrics analysis in Python, contributed to the development of a lead scoring algorithm using machine learning.

### Project Delta (Not-for-Profit Startup)

*Co-Founder and Software Architect*

February 2015 - Present

*College Park, MD*

- Mentor student teams through the product development cycle to develop impact-driven projects.
- Current partners include the Peace Corps, Solidarity Center, and LocaLove Philippines.

## HONORS AND AWARDS

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- KPCB Fellows Program Semifinalist 2015
- 2nd Place, Best Use of Twilio at MHacks VI (1000+ Person Hackathon)
- President's Scholarship - Four Year Merit-based Scholarship
- Gannon Portal Award - Academic Excellence Award for Computer Science
- 1st Place at University of Pennsylvania's Social Change Hackathon (Hack the Change)
- 3rd Place and Build for Good Challenge Winner at University of Cincinnati's Hackathon (RevolutionUC)
- Best Use of Intel Edison Developer Boards at PennApps XI (UPenn's Major League Hackathon)
- Best Use of MongoDB, Best Sustainable App at HackRU 2015 (Hackathon at Rutgers University)
- Best Use of AWS at Hack the Planet (Invite only MLH-hosted Hackathon)
- Best Use of IBM Bluemix at PennApps XII (World's Largest Collegiate Hackathon)
- 2nd Place at the Maryland Cyber Challenge Cybersecurity Competition

## SELECTED PROJECTS

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### "Smartify": Cloud-Based App Platform

September 2015

*Node.js, Express, Firebase, Jade, SASS, Python, Twilio, Microsoft Azure*

- Built a Web-based IDE/App Store for developing cloud applications which are accessed via SMS, MMS or Voice.

### "Haptic Web Developer": Draw Web Applications with the Sensel Trackpad

August 2015

*Python, Tkinter, Amazon Web Services (AWS), Sendgrid*

- Built a custom gesture recognition framework and Python app for drawing web sites and deploying to AWS.

### Honeypot Malicious Data Collector

March 2015 - May 2015

*BASH, Ubuntu Linux, OpenVZ, P0f, Nagios, MongoDB, R*

- Led a team of five to construct a network to gather data on network traffic to develop a machine-learning algorithm.

### "SmartCan": Incentivized Recycling System

January 2015

*Google Glass, Intel Edison, Swift, Venmo, MongoDB, Node.js, Jade*

- Built a custom trashcan to sort trash using QR codes and incentivize users to improve the knowledge database.

## SKILLS AND ACTIVITIES

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### Computer Languages Activities

Node.js/JavaScript, C#, Python, Java, BASH, Swift, R, Objective-C  
Cybersecurity Competition Team, Hackathon Organizer (Bitcamp 2014 - 2015),  
Startup Shell Member, Terp Runners, Terrapin Hackers