

# COLIN KING

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colinking.co

## EDUCATION

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**University of Maryland** Expected May 2018  
B.S. and M.S. in Computer Science with a Minor in Statistics – GPA: 3.97 College Park, MD  
Advanced Cybersecurity Experience for Students (ACES) Honors Living and Learning Program

## EXPERIENCE

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**Gallup, Inc.** February 2015 - Present  
*Growth Hacker and System Application Developer Intern* Washington, DC/Omaha, NE  
· Developed the StrengthsFinder Analytics Platform from the ground up in .NET; used by sales teams across Gallup.  
· Developed a bucketed DICE search algorithm used on multiple Gallup sites; Contributed to machine-learning algorithm for lead scoring; Analyzed metrics to improve sales efficiency using Python.

**Project Delta** February 2015 - Present  
*Co-Founder and Project Manager* College Park, MD  
· Fostered connections between not-for-profit clients and student teams to develop technological solutions.  
· Current clients include the Peace Corps, Solidarity Center, and LocaLove Philippines.

## HONORS AND AWARDS

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- KPCB Fellows Program Semifinalist 2015
- President's Scholarship - Four Year Merit-based Scholarship
- Gannon Portal Award - Academic Excellence Award for Computer Science
- 2nd Place, Best Use of Twilio at MHacks VI (Out of 276 Projects)
- 1st Place at University of Pennsylvania's Social Change Hackathon
- 3rd Place, Build for Good Challenge Winner at University of Cincinnati's Hackathon
- Best Use of AWS at Major League Hackathon's First Annual Hackathon
- Best Use of IBM Bluemix at PennApps XII
- Best Use of Intel Edison Developer Boards at PennApps XI
- Best Use of MongoDB, Best Sustainable App at Rutgers University's Hackathon

## SELECTED PROJECTS

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**"Smartify": SMS App Platform** September 2015  
*Node.js, Express, Firebase, Jade, SASS, Python, Twilio, Microsoft Azure*  
· Developed platform to run internet applications in Azure and access via SMS; built web IDE for app development.

**Honeypot Malicious Data Collector (*Foundations in Cybersecurity II*)** March 2015 - May 2015  
*BASH, Ubuntu Linux, OpenVZ, P0f, Nagios, MongoDB, R*  
· Led a team of five to develop a machine learning algorithm by analyzing network traffic data.

**"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.

**"SmartCan": Incentivized Recycling System** January 2015  
*Google Glass, Intel Edison, Swift, Venmo, MongoDB, Node.js, Jade*  
· Programmed a Google Glass to analyze barcodes and trigger a laser-printed trashcan to sort recycling from trash.

## SKILLS AND ACTIVITIES

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**Computer Languages** Advanced: Node.js, C#, Java; Proficient: Python, BASH; Basic: R, Objective-C  
**Activities** Cybersecurity Competition Team, Hackathon Organizer (Bitcamp 2014 - 2015),  
Startup Shell Member, Terrapin Hackers, Terp Runners