

# Zachary Lytle

www.zacklytle.com

Blacksburg, VA • Washington, D.C. • (540).315.7135 • lytle.zack@gmail.com

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## WORK EXPERIENCE

### *Technical Recruiting Consultant, Lytle Technologies, Inc.*

September 2015 – Present

- Sourcing uniquely qualified candidates for positions within both SMB and enterprise clients including Amazon, Lockheed Martin, Facebook, Rakuten, and the Department of Defense.
- Coaching companies on how to maximize ROI on recruitment marketing and event sponsorship while collaborating with other non-recruitment initiatives within the company.

### *Technology Consultant, U.S. House of Representatives*

August 2014 – Present

- Consulting with the congressional aviation sub-committee to write commercial UAV laws.
- Fostering relationships between government organizations such as the FAA and NTSB with industry clients including The Walt Disney Company, Amazon Prime Air, GoPro, and DJI.
- Lobby efforts seek amiable compromise between national security and open entrepreneurship in the UAV industry.

### *Founder & President, Airhokie, LLC*

November 2013 – November 2015

- Grew single-camera photography company into a global broadcasting and consulting firm with clients including Anheuser Busch, ESPN, Paramount Pictures, NBC, and SpaceX.
- Designed and piloted UAVs for live broadcast of the 2014 FIFA World Cup in Brazil.
- Worked with engineers and manufacturers in China to develop safer and more efficient drone microcontrollers that limit altitude and speed near airports.

### *DevOps Evangelist, Rackspace Inc.*

December 2013 – August 2014

- Single-handedly launched Rackspace's ability to sponsor and recruit from hackathons by opening communication between the Startup Program, University Relations, and Developer Outreach departments across San Antonio, Blacksburg, and San Francisco.
- Rackspace named best sponsor at each event the team organized and attended.

### *Software Engineer, Rackspace Inc.*

May 2013 – January 2014

- Rebuilt BDD automated testing platform in Ruby using RSpec and Selenium Webdriver, reducing integrated branch deployment test time from one hour to under four minutes.
- Authored and piloted Canon 2.0, a visual overhaul for the Rackspace web applications using LESS, Bower, and Grunt for a consistent UI/UX experience across all team projects.
- Maintained 11-year legacy Email & Apps API and control panel built in ASP .NET and NHibernate while implementing new products such as SSO authentication and MS Lync.

### *Undergraduate Instructor, Department of Computer Science*

January 2012 – December 2013

- Founded the CS Mentoring program to foster 1-on-1 relationships between incoming students and established upperclassmen.

## EDUCATION

*Bachelor of Science in Computer Science – Human Computer Interaction*

*Bachelor of Arts in English – Professional Writing*

*Minors in Creative Writing, Literature, and Mathematics*

Virginia Polytechnic Institute and State University, 'Virginia Tech', Blacksburg, VA

**Dean's List:** Fall 2012, Spring & Fall, 2013

## PROJECTS

### *Developer & Administrator, WebDiplomacy*

January 2011 – Present

- Managing online version of Diplomacy, a strategic negotiation board game using PHP.
- User base grows daily with over 80,000 members across all seven continents.

### *Software Engineer, Trackpunch*

April 2013 – January 2014

- Built *Trackpunch*, a free music platform with a social discovery experience hosting 500+ users.
- Constructed server infrastructure for automatic deployment and load balancing.
- Developing Rest API for user data manipulation using Rails, Nginx, and MongoDB.

### *CEO, Startup Hokie & BargainBurg*

August 2013 – December 2013

- Developed course syllabus for CS 4704 with one assignment: build a web-service startup.
- Lead a team of twenty students to build online coupon platform for local businesses.
- Company revenue reached \$30,000 before full acquisition by major university publisher.

### *Project Manager, Project MELT (Middle English Language Translator)*

January 2013 – May 2013

- Developed natural language processing application in Python and PostgreSQL.
- Taught a machine to create audio pronunciations based on historic phonetics.
- Library was eventually licensed through Virginia Tech Knowledge Works for CRC research.

### *Undergraduate Research, Microsoft Kinect*

September 2012 – April 2013

- Designed simultaneous communication capability for multiple Kinect sensors in C#.
- Ported instant 3D model and motion capture into 3rd party animation software, Maya.

## SERVICE

### *Sponsor, Micah's Backpack*

May 2013 – Present

- Providing direct weekend food assistance for children from low-income families.
- Spreading awareness through online corporate campaigns and grocery store partnerships.

### *Spokesperson, Child's Play Charity*

December 2003 – Present

- Writing promotional content to increase awareness and funding for children's hospitals.
- Engaging with corporate sponsors to provide video game products for recovering children.

### *Webmaster, Peninsula SPCA*

January 2002 – April 2007

- Provided webmaster and photography services for the Virginia Living Museum and SPCA.
- Launched social media campaign with the state's first 501c3 online donation platform.

## CERTIFICATIONS

*Certified Scrum Master (CSM) – Scrum Alliance*

*Red Hat Certified System Administrator (RHCSA)*

*Red-Seal Journeyman Baker-Patissier, Ontario, Canada*

## AWARDS & ACCOMPLISHMENTS

*Finalist & Winner – MHacks 2013, 2014*

*Finalist & Winner – PennApps 2013, 2014, 2015*

*World Backpacker – 92 countries visited*

## MEMBERSHIPS

*Advisory Board, Virginia Center for Autonomous Systems*

*Entrepreneurial Outreach Committee, Virginia Tech Institute for Creativity, Arts and Technology*

*Community Relations, Roanoke-Blacksburg Technology Council*

*Board of Directors, Developers Without Borders*