

# Robert Lynch

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<https://github.com/RobertForever>

## Education University of Texas at Austin

Expected Graduation: May 2016

- Bachelor of Science, Computer Science
- Member, College of Natural Sciences Freshman Research Initiative

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## Experience Rackspace Hosting

May 2013 – August 2013

Intern for Rackspace's Java-based authentication API team; used systems including Gradle, Maven, Git, Jenkins, and OpenStack

### CenTex Billing

June 2012 – December 2012

Database Manager: Handled database transactions between proprietary billing system's internal database and Excel tables using SQL and ODBC

### KOXE / KBWD Radio Station

January 2012 – July 2012

Board Operator: Managed station's audio mixer to control incoming broadcasts, commercials, and music

### Brownwood High School

August 2010 – May 2012

Technology Resource Student Aide: Assisted with system-wide updates and regulations for school's Macintosh-based computer systems. Additionally acted as IT and system support

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## Skills Proficient in

- Java
- Linux / Bash / Git
- Node.js / PHP
- HTML5 / CSS3 / JavaScript / jQuery

### Experienced in

- SQL / NoSQL Databases (MongoDB, RethinkDB, etc.)
- C++ / C
- Python / Ruby

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## Projects Web Development

- Developed custom WordPress template for campus organization
- HackTX Hackathon 2012: developed a web-based music player with interactions handled through SMS
- Developed manager application for the game "Paranoia", in both PHP and Node.js.

### App Development

- Google Glass application to control Phillips Hue light bulbs
- HackTX Hackathon 2013: Google Glass application for impress.js presentation control and teleprompter for presentation notes (in progress)

### Research

- Created several different intuitive and autonomous control schemes for aerial robots (ongoing)

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## Achievements

- Eagle Scout, earned June 2009
- Congressional Nomination from Mike Conaway, House of Representatives, for the United States Air Force Academy / United States Naval Academy