

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
- Previous Member, College of Natural Sciences Freshman Research Initiative

Experience Facebook

May 2014 – August 2014

Intern on Facebook's internal tools team. Projects included rewriting the internal wiki, and working on several internal tools. Primary language was PHP/ Hacklang with use of HTML and JavaScript.

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

Skills Proficient in

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

Experienced in

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

Projects Web Development

- Developed custom WordPress template for campus organization
- HackTX Hackathon 2012: developed a web-based music player with interactions handled through SMS
- University of Texas Lambda Alpha Nu's website and application system
- Rider, a Hacklang application framework and build tool (ongoing)
- 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

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