

# Dylan Elznic

dylanelznic@gmail.com • 314.359.5216

## EDUCATION

**B.S. IN COMPUTER SCIENCE** | MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY

Aug 2014 – May 2018 | Rolla, Missouri

## COURSEWORK

Software Engineering • Software Systems Development • File Structures & Intro to Database Systems • Data Mining Analysis of Algorithms • Programming Languages and Translators • Data Structures • Operating Systems

## EXPERIENCE

**EXPRESS SCRIPTS** | SOFTWARE ENGINEER INTERN

May 2017 – April 2018 | St. Louis, Missouri

- Primary developer for a middleware platform that automatically communicates between two different Agile tracking solutions using Python and MongoDB.
- Developed a series of dashboards to aggregate and display data analytics through the use of a custom built API using Flask, HTML/CSS, React, MongoDB, and Chart.js.
- Led a team of developers in the production of a Planning Poker application that automatically pulls issues from Jira and updates their point values via a voting system using Flask, HTML/CSS, React, and MongoDB.

## INVOLVEMENT

**ASSOCIATION FOR COMPUTING MACHINERY** | SIG.COM MEMBER

January 2017 - May 2018 | Rolla, Missouri

- Collaborated in the creation of the website for the ACM organization at Missouri S&T using Python and Django.
- Employed test-driven development with the goal of one hundred percent code coverage.
- Developed within an Agile environment utilizing one-week sprints.

## PROJECTS

**KEEP ME SAFE** | AMAZON ALEXA SKILL, WEB APPLICATION • ARCHHACKS 2018 • FINALIST, 2 AWARDS

Alexa based monitoring and alert system created for individuals dealing with depression and anxiety. Users activate the service when they know that an oncoming panic attack or fit of depression may threaten their immediate safety. Winner of Best Data Visualization and Best Hack Addressing Mental Health

**READ THIS** | WEB APPLICATION, CHROME EXTENSION • TIGERHACKS 2017

Read This allows you to aggregate your own news articles via Chrome extension and curate them into user-defined interest boards. Users have the ability to follow other boards in order to determine their own sources of news. Built using Python, Flask, PostgreSQL, Heroku, Microsoft Graph API, Microsoft Azure Active Directory

**WOLFGANG** | WEB APPLICATION • SENIOR DESIGN

Integrating Spotify's API and utilizing machine learning, Wolfgang is a web application that provides unique music suggestions for each user based on how they have rated previous song choices. Built using Python, Flask, HTML/CSS

**PLANNING POKER** | WEB APPLICATION • EXPRESS SCRIPTS 2017 INTERN HACKATHON

A web application that gives users the ability to create a Planning Poker room to size stories in Jira by voting. Stories are pulled from the team's backlog, with an aggregated point size being updated automatically in Jira when finished. Built using Python, Flask, MongoDB, Jira API

## DEVELOPER SKILLS

Python • C++ • Javascript • HTML/CSS  
Flask • Django • React • Test Driven Development • Heroku  
MySQL/MariaDB • MongoDB • PostgreSQL • Git • Agile

## LINKS

dylanelznic.com  
github.com/dylanelznic  
linkedin.com/in/dylan-elznic