

# JACOB ADLEY

(574)306-6605 ◊ jadley08@gmail.com ◊ github.com/jadley08

421 Westcreek Drive, Warsaw, Indiana 46580

## EDUCATION

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**Indiana University, Bloomington**

Computer Science M.S.

*January 2019 - May 2020*

GPA: 4.000

**Indiana University, Bloomington**

Computer Science B.S., Mathematics B.S.

*August 2015 - May 2019*

GPA: 3.764

## TECHNICAL STRENGTHS

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**Programming Languages**

Racket(Scheme), Java, C, Python, Haskell, Coq, Pie, JS

**Mathematics Strenghts**

Topology, Real Analysis, Linear Algebra, Calculus

**Programming Language Theory**

Dependent Types, Interpreters, Custom Languages

## WORK EXPERIENCE

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**Service Now**

*Platform Engineering Intern*

May 2019 - August 2019

- Created a new UI feature relying on full stack production including React/Redux-Saga and Java.
- Simplified core database to decrease the number of records needed per customer application instance.

**Crowe LLP**

*Applied Technology Intern*

May 2018 - August 2018

- Created solutions relying on front-end (HTML, Javascript, AngularJS) and back-end (C#, SQL Server) components.
- Worked in a fast-pased "Agile" team environment.

**Indiana University SICE Department**

*Undergraduate Instructor*

August 2017 - December 2017

- Instructed a fundamentals of data structures course. Responsible for running lab sections, holding office hours, grading and preparing assignments/exams.

## EXTRA-CIRRUCULAR

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Club Runner - Compete in distances from 8K to Marathon.

Karate Club - Athlete and Club Treasurer. Responsible for organiation of all financial aspects.

Intermediate chess student, intermediate violin student, avid reader.

## PERSONAL TRAITS

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Interest in difficult problems involving complex problem solving and logic.