

# Vaughn Ohlerking

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<https://github.com/vaughnohlerking>

## Software Engineer

### EDUCATION

Louisiana State University (LSU), Baton Rouge, LA

December 2022

Bachelor of Software Engineering with Minor in Mathematics

#### Relevant Classes:

Compilers 3.7

Cloud Systems and Virtualization-3.7

Software Systems-3.0

Operating Systems-3.3

Programming Languages-3.7

Optimization Theory and Applications-3.7

### PROJECT

#### Apps

ParkU – React Native, Node.js

Journal Website - Java, HTML, CSS, JS, MySQL, Amazon EC2

#### Misc. programs

Dijkstra Flight Scheduler - Java

AI Poker Bot - Python

Cache Reader - Assembly

Multithreaded Matrix Solver-C

#### Scheme

Parser - Python

Pretty Printer - Python

Interpreter - Python

Builtin Functions - Scheme

#### Various Matrix Optimizers:

Newton's method,

Trust region,

Exact descent,

Linear and dual linear

(unconstrained), and linear and quadratic (constrained)

MATLAB

### EXPERIENCE

Frontend Software Engineer Intern

August 2022 – Present

Crimer

Baton Rouge

- Building and testing React components according to requirements in Figma designs.
- Submit code commits via Gitlab.

Implementation Intern

May 2022 – August 2022

FAST Enterprises

Kansas City

- Build complex and efficient SQL queries to present organized data for users
- Fix errors and construct VB.net code to upgrade and maintain server processes and website.
- Improve user and customer experience by implementing and testing user requests in multiple version server system.

Package Handler

November 2020 – May 2022

United Parcel Service

Baton Rouge

- Unload and load packages in an expedited manner

Shop Foreman

June 2016 – March 2020

Inspired Closets

Baton Rouge

- Initiated development and implemented department training including creating curriculum and benchmark goalsetting. Also followed through with monitoring of training progress