

Vaughn Ohlerking

225-394-1340 • vaughnohlerking@gmail.com • <https://www.linkedin.com/in/vaughn-ohlerking/>

<https://github.com/vaughnohlerking>

Software Engineering Intern

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 search 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