



Sider

Luke Brandon, Adam Goertz, Samuel Le, Marshall Richards, Tyler Tracy



The problem

- Students have valuable skills and need experience
- Businesses have small budgets and big needs
- There is no efficient way for them to find each other



The solution



- A local freelancing platform for students that allows students to get real, valuable experience while attending University
- 100 Active Users
- 40 Companies
- 3 Completed Jobs



Why we chose this

- We wanted to work on a project that would have real impact and a real user base and we found that with Sider.
- Since the project was already in development by our fellow developer, Tyler Tracy, we could avoid having to start a new project with the typical boilerplate code and focus on designing a full-fledged app.

Introduction to the Team

Tyler Tracy

Full Stack Developer / Lead Architect



What I did:

- Migrate data from GCP to mongoDB
- Wrote Deployment scripts and configured stage and production version of application
- Notification system
- Stripe integration
- Add ESLint to codebase
- Upgraded Authentication/Authorization Service
- Moved REST API over to GraphQL API

Challenges:

- The notification system. It had a lot of moving parts
- Moving fast enough to keep up with Omar Kasim

Most proud of:

- My team :)
- Starting up my first start up, and having active users

Luke Brandon

Full Stack Developer



What I did:

- Resume upload UI
- Resume upload API and DB implementation
- Better error and success messages
- Toast notifications
- Progress bar for finishing profile
- Reviews API endpoints
- Reviews DB updating
- Job, Company Searching

Challenges:

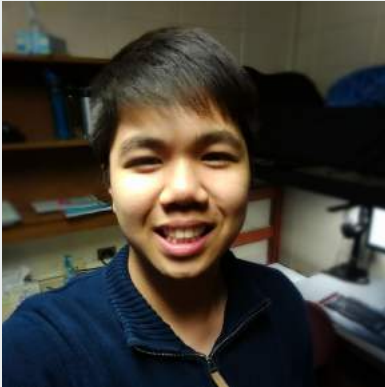
- On-boarding with the application
- Working around teammates' schedules

Most proud of:

- Reviews and resume upload development

Samuel Le

Full Stack Developer



What I did:

- Google Analytics
- Case sensitivity fix for login
- Add personal website
- Front-end UI for reviews
- Display number of applicants on jobs and create backend endpoint

Challenges:

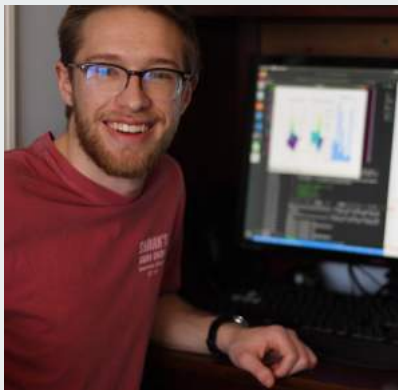
- Getting familiar with the existing code base
- Learning new technologies such as GraphQL
- Balancing other classes and capstone

Most proud of:

- Review UI components

Adam Goertz

Glass-Half-Full Stack Developer



What I did:

- Update validation schemas
- Add tooltips to form fields
- Add backend routes for user job completion
- Add frontend requests for user job completion
- Update UI to add user job completion
- Create view of users

Challenges:

- Learning front-end development (React)
- Keeping up with Tyler's revolving door of frameworks

Most proud of:

- Writing a regular expression for phone-number validation.

Marshall Richards

Front-end Developer



What I Did:

- Loading Spinner
- Job Application Blurb
- Company/User ID generation

Challenges

- Learning new libraries like React and GraphQL
- Balancing real work with capstone

Most Proud Of:

- Using recursion in production



Labor and Management

Assignment of Tasks

Utilized Jira to manage sprints and assign tasks

Development

Everyone was a full stack developer. The intention was to give everyone real world experience and to make the team better suited in different environments



Future tasks

Mobile Applications

Use Flutter to make an Android and IOS app

Job Recommendations

Recommendation engine that provides jobs based on user data

Price Negotiation

Users can either opt out of payment for gift cards or ask for different amounts of money

DEMO

sider.app