

Jameel Kelley

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Education

Iowa State University

BS IN SOFTWARE ENGINEERING

GPA: 3.25

Ames, IA

Aug 2016 – May 2020

Experience

Buildertrend

SOFTWARE DEVELOPMENT INTERN

- Led a team of five engineers in technology discovery and implementation of 13 client facing application pages in a React environment
- Tested code written by peers and created documentation upon discovery of issues

Omaha, NE

May 2019 – Aug 2019

Virtual Reality Applications Center

RESEARCH ASSISTANT

- Creating mixed reality learning environment (VR + Physical) to assist in more efficient and economical education of US personnel
- Leveraging the latest Vive VR technology with the Unity engine to immerse users in a seamless virtual environment with physical equipment

Ames, IA

Jan 2018 – Present

Design Mill Inc

SOFTWARE DEVELOPMENT INTERN

- Lead developer on VR farming hazard simulation application with aims to reduce the number of field accidents

Dubuque, IA

May 2018 – Aug 2018

Iowa State Human-Computer Interaction Lab

RESEARCH INTERN

- Developed a usability centered interface for online sustainability education
- Wrote technical documents that were submitted to the International Review Board to conducting usability testing

Ames, IA

May 2017 – Aug 2017

Skills

Programming Languages: Java, Javascript, C#, SQL, HTML

Tools: Docker, CI/CD (Jenkins), Git, Nginx, Blender

Processes: Usability Analysis, Agile Development, Video Production

Projects

RatePoint

A FULL STACK SOLUTION TO HELP LOCAL STUDENTS AND RESIDENTS RATE AND REVIEW POINTS OF INTEREST

React, MySQL, Spring Boot
github.com/JamKelley22/RatePoint

S-PASS

A TOOL TO IDENTIFY ENVIRONMENTALLY SUSTAINABLE PRODUCT ARCHITECTURES AND THEIR SUPPLIERS

React
coolslice-spss.herokuapp.com

Pentachoron

CONVERT SCANNED PDF FILES TO TEXT

Electron
github.com/JamKelley22/Pentachoron

PunchClock

A TOOL TO TRACK, STORE, AND VISUALIZE WORK HOURS FOR EMPLOYEES

Java
github.com/samstifter/punchclock

Web Design with Accessibility in Mind

A LOOK INTO DESIGNING WEBSITES WITH ACCESSIBLE FEATURES AND POTENTIAL PITFALLS TO LOOK OUT FOR

github.com/JamKelley22/writing

Awards

Dec 2018 **Intel Ultimate Coder Challenge Winner**, Recognized for creating the most innovative "revolutionary commercial application for the virtual world"

Intel

August 2019 **Buildertrend Hackathon Crowd Favorite Winner**, Created a proof of concept to add value to customer tool by increasing usability and adding features

Buildertrend