Jameel **Kelley**

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Education

Iowa State University — *Ames, IA*
MS IN HUMAN-COMPUTER INTERACTION — *Expected May 2022*
GPA: 4.0

Iowa State University — *Ames, IA*
BS IN SOFTWARE ENGINEERING — *Aug 2016 – May 2020*
GPA: 3.31

Experience

Virtual Reality Applications Center — *Ames, IA*
RESEARCH/GRADUATE ASSISTANT — *Jan 2018 – Present*
- Created a mixed reality learning environment (VR + Physical) to assist in a more efficient and economical education of US personnel
- Leveraged the latest Vive VR technology with Unity to immerse users in a seamless virtual environment with physical equipment
- Utilizing computer vision to build an educational review dashboard for instructors

Iowa State University — *Ames, IA*
GRADUATE TEACHING ASSISTANT — *Aug 2020 – Nov 2020*
- Facilitating communication and collaboration between students on discussion boards
- Problem-Solving with students during office hours to find root cause of errors
- Managing grading for 50+ students on a weekly basis

Buildertrend — *Omaha, NE*
SOFTWARE DEVELOPMENT INTERN — *May 2019 – Aug 2019*
- 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

Design Mill Inc. — *Dubuque, IA*
SOFTWARE DEVELOPMENT INTERN — *May 2018 – Aug 2018*
- Lead developer on VR farming hazard simulation application with aims to reduce the number of field accidents

Iowa State Human-Computer Interaction Lab — *Ames, IA*
RESEARCH INTERN — *May 2017 – Aug 2017*
- Developed a usability centered interface for online sustainability education
- Wrote technical documents that were submitted to the International Review Board to conducting usability testing

Skills

Programming Languages: Java, Typescript, C#, SQL, HTML, SCSS
Tools: CI/CD, Git, Nginx, Blender, Unity

Projects

Consumer-Aware Warehouse Management — *React, PostgreSQL, Spring, Hibernate, Python, Tensorflow, Java*
A PROOF OF CONCEPT SOFTWARE FOR PREDICTION OF AUTOMATIC OPTIMAL ORDERING FOR WAREHOUSES — *sdmay20-25.sd.ece.iastate.edu*

S-PASS — *React*
FRONTEND SOLUTION IDENTIFYING ENVIRONMENTALLY SUSTAINABLE PRODUCT ARCHITECTURES AND SUPPLIERS — *coolslice-spass.herokuapp.com*

Awards

Date	Award	Organization
Nov 2020	**Teaching Excellence Award**, Recognized for "outstanding achievement" in teaching. Awarded to the top 10% of Teaching Assistants	*Iowa State University*
Dec 2018	**Intel Ultimate Coder Challenge Winner**, Recognized for creating the most innovative "revolutionary commercial application for the virtual world"	*Intel*