

Jameel Kelley

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Education

Iowa State University

MS IN HUMAN-COMPUTER INTERACTION & COMPUTER ENGINEERING

GPA: 3.77

Ames, IA

Expected May 2022

Iowa State University

BS IN SOFTWARE ENGINEERING

GPA: 3.31

Ames, IA

Aug 2016 – May 2020

Experience

3M

DATA SCIENCE INTERN

- Integrated Reinforcement Learning into a Unity simulation for determining optimal alert modality

Remote

May 2021 – Aug 2021

Virtual Reality Applications Center

RESEARCH/GRADUATE ASSISTANT

- Leveraged the Vive HMD and Unity to immerse users in a virtual environment with physical equipment
- Utilizing computer vision to build an educational review dashboard for instructors

Ames, IA

Jan 2018 – Present

Iowa State University

GRADUATE TEACHING ASSISTANT

- Managing grading and hosting office hours for 50+ students on a weekly basis

Ames, IA

Aug 2020 – Nov 2020

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

Omaha, NE

May 2019 – Aug 2019

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

Ames, IA

May 2017 – Aug 2017

Skills

Programming Languages: Java, Typescript, C#, SQL, HTML, SCSS

Tools: CI/CD, Git, Nginx, Blender, Unity

Projects

Consumer-Aware Warehouse Management

A PROOF OF CONCEPT SOFTWARE FOR PREDICTION OF AUTOMATIC OPTIMAL ORDERING FOR WAREHOUSES

React, PostgreSQL, Spring, Python

sdmay20-25.sd.ece.iastate.edu

Awards

Mar 2021	ISU Usabilathon Winner , Winners of a competition where I and two others created a user interface mockup to help inform undeserved students of financial aid options	HCI Student Group
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