

Jack Fordyce

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EDUCATION

Bachelor of Science, Buena Vista University, Storm Lake, IA
Expected Graduation Date: May 2020

Major: Computer Science
GPA: 3.7 Dean's List

TECHNICAL SKILLS

- C, C++, C#, Java, Python, SQL, Ansible, JavaScript, Jinja, HTML, CSS, Bash, Assembly Language.
- Experience with Android Studio, Microsoft Visual Studio, Flask, NodeJS, React, Meteor, JCoCo, Linux, Git, Google Cloud Platform, Unity, Kong, IBM BPM, Apigee, MuleSoft.
- Use of Agile Methodology as part of a scrum team.

INTERNSHIP EXPERIENCE

Computer Science Academic Assistant, BVU, Storm Lake, Iowa

August 2019-Present

- Building a Flask application alongside a peer to help young students learn to program.
- Expanding knowledge of web development both front and back-end.
- Engage with professor weekly to report progress.

Software Engineer Intern, Principal Financial Group, Des Moines, Iowa

May 2019-Present

- Engineer for the Application Platform Services, API Management team. Offered full-time position.
- Utilize Python, Java, and Ansible software to manage servers and company-wide applications.
- Deploy software in a production environment at the corporate level.
- Winner of 2019 Principal Summer Intern Code Jam Event.

Information Technology Intern, City State Bank, Des Moines, Iowa

January 2018

- Assisted in setting up a new firewall for a remote branch of the bank.
- Helped maintain system security through user checks in Active Directory.
- Gained experience and knowledge in network security.

PROGRAMMING PROJECTS

Computer-Reservation

- Flask/React application to manage on-campus computer laboratory.
- Allows authenticated users to reserve any computer for a specified amount of time.
- UI displays what computers are currently in use and when they will be available.

Finger-Game

- HackISU 2018 group project.
- Interactive web-based machine learning game implemented using Python.
- Tests if a user can match a randomly generated number displayed on screen by showing fingers to the webcam.

RELEVANT COURSEWORK

Computer Science I, Computer Science II, Calculus 1&2, Computer Architecture, Algorithms, Discrete Mathematics, Software Engineering, Computer Security, Virtual Reality Programming, Artificial Intelligence, Database Management Systems, Program Languages & Compilers, Web Application Development, Networks and Distributed Systems, Operating Systems