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# NICKOLAS HANS KRAUS

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## EDUCATION

### Iowa State University

Aug. 2011 - Dec. 2017

Cumulative GPA: 3.75

Bachelor of Science  
Aerospace Engineering

Bachelor of Arts  
German Language

Bachelor of Science  
Computer Science Minor

### Hochschule Mannheim

Sept. 2013 - Feb. 2014

Mannheim, Germany  
Study Abroad Program

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## EXPERTISE

German Language

Python, C, C++

Java, C#, Selenium

JavaScript, PHP, SQL,  
Dart, Angular, Node, React

Linux, Bash, Ansible

Google App Engine, AWS

## PROFESSIONAL EXPERIENCE

### Workiva

Ames, IA

Software Engineering Intern

Apr. 2017 - Present

Aiding in the development of an internal monitoring, reporting, and alerting application using Python and Dart

### Workiva

Ames, IA

Agile Project Manager Intern

Aug. 2016 - Apr. 2017

Facilitated an Agile software development process to organize, execute, and deliver large, cross-team projects

### United Technologies Aerospace Systems

Burnsville, MN

Project Lead Intern

Software and Systems Engineering Intern

May 2016 - Aug. 2016

Leveraged project management and software testing skills to implement and execute a software development process and deployment schedule

### United Technologies Aerospace Systems

Burnsville, MN

Software and Systems Engineering Intern

May 2015 - Aug. 2015

Developed system-level tests to drive the software development of onboard aircraft computers and microcontrollers

### John Deere

Mannheim, Germany

Software Engineering Intern

Mar. 2014 - Aug. 2014

Built an integrated Java application for CAD software for the purpose of automatically assembling 3-D design models

## PROJECTS

### Portfolio Manager

A web application consisting of a system of microservices which leverages the Fama-French Model to formulate optimal stock portfolios.