

John Behnke

EXPERIENCE

IBM

Software Developer

June 2017 - Current

- Revamped an existing IBM product using a modern technologies such as React, RabbitMQ, MongoDB, NodeJS
- Worked to create a backend in Java for a centralized catalog of applications available to all IBM employees
- Created a replacement CMS and infrastructure for IBM clients to manage large bodies of content using Drupal, NodeJS/Express, Redis, and IBM Cloud Object Storage
- Actively developing a new internal site creation tool that can scale to all IBMers using technologies such as VueJS, Typescript, NodeJS, CouchDB, etc

Software Developer Intern

June-August 2016

- Created a RESTful API backend in NodeJS/Express for an email digest service and integrated it into an existing internal service
- Created a tvOS application and a RESTful API backend in Kitura for an IBM product
- Worked in an Agile team based environment using tools such as Github, Slack, Mural

Code U Mentorship Program

March-August 2015

Participant

- Worked under the guidance of a Google engineering mentor on a series of technical exercises focusing on data structures and algorithms
- Completed Udacity's Developing Android Apps course, worked with two other participants to create a crowd sourced tutor finder called "StuddyBuddy" in two weeks

Rensselaer Polytechnic Institute, Office of Residence Life

Fall 2015-Spring 2017

Resident Director

- Oversaw a First Year Residence Hall on Campus of 150 residents and 4 student staff
- Ensure that the residence hall remains a safe environment for students
- Complete room checks, incident reports, fire safety checks, and evaluations

EDUCATION

Rensselaer Polytechnic Institute (RPI), Troy, NY

May 2017

Bachelor of Science in Computer Science

GPA: 3.76/4.0

- Honors: The Rensselaer Medal; Dean's List; Magna Cum Laude
- Activities/Leadership:

- Rensselaer Rocket Society

Fall 2013-Spring 2017

- President (Fall 2014 - Spring 2015)

- Rensselaer Center for Open Source

Fall 2014-Spring 2017

- Former member in community for developing open-source applications/tools that can solve societal problems

- Former project mentor on several different open source projects

SKILLS

Programming Languages: Python, C++, Swift, C, Java, Javascript, Typescript, Go, Bash

Frameworks: NodeJS, VueJS, React, SwiftUI, UIKit

Databases: CouchDB, PostgreSQL, Cloudant

Operating Systems/Platforms: macOS, iOS Development, Android Development, Linux, tvOS, AWS, IBM Cloud

HOBBIES/INTERESTS

Astrophotography, Astronomy, 3D Modeling and Animation, Rocketry, Video Games, 3D Printing, and many more