

JOHN PHAM

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Experience

NASA Jet Propulsion Laboratory, Incoming Software Engineer Intern Mar. 2018 – Current

UC Riverside, Full Stack Web Developer Mar. 2016 – Current

- Launching over 15 websites/web apps for departments and research groups using Vue and React
- Building a CMS for department, faculty, and research group websites using Gatsby and Node
- Created a web app for art curators to catalog paintings using Caffe and Vue.js

Supplemental Instructor of Computer Science Apr. 2017 – Mar. 2018

- Taught discussion and lab sections to reinforce course material for C++ I/II, Data Structures, and Computer Architecture
- Authored new course material to incorporate new C++ standards (tutorials, labs, demos)
- Created a web app to track student attendance replacing old pen and paper process using Vue.js and Firebase

AT&T, Data Scientist Intern June 2018 – Sept. 2018

- Created models for reducing customer churn, improving video processing microservices, and improving user experience across apps based on KPIs using scikit-learn and Tensorflow
- Analyzed and processed raw data using Hive, creating visualizations using D3, and creating analytic tools for executives and operations staff using Python and Tableau
- Created an API to fetch app performance data to be used by support staff allowing them to pinpoint performance issues during a support call using Node

The Aerospace Corporation, Software Engineer Intern June 2017 – Feb. 2018

NASA Jet Propulsion Laboratory, Software Engineer Intern Sept. 2016 – Dec. 2016

NASA Jet Propulsion Laboratory, Data Scientist Intern June 2016 – Sept. 2016

Leadership

Microsoft, Student Partner Sept. 2018 – Current

Rose Hack (Hackathon) Lead Developer July 2018 – Current

GitHub, Campus Expert Dec. 2017 – Current

Stanford University, Innovation Fellow Oct. 2016 – June 2018

Citrus Hack (Hackathon), Director Oct. 2016 – Oct. 2017

Skills

PROGRAMMING LANGUAGES: Javascript, Python, C++

TECHNOLOGIES/Frameworks: Git, React.js, Vue.js, Pandas, scikit-learn, TensorFlow, Gatsby.js, Node.js, GraphQL, SQL, MongoDB, Docker, AWS

SOFTWARE: Blender, Fusion 360, Photoshop, Premiere, After Effects, Figma, Tableau

Education

University of California, Riverside Sept. 2015 – Mar. 2019

B.S. Computer Science

GPA: 3.9/4.0

Key Courses: Senior Design in Databases, Machine Learning, Artificial Intelligence, Information Retrieval, System Administration, Operating Systems, Networks