

Chris May

Product-focused, software engineer seeking a development position where I can apply my knowledge of enterprise ready, frontend technologies and build systems.

WORK EXPERIENCE

Software Development Engineer, Workday Prism, Data Discovery

San Mateo, CA • September 2020 — Present

- Using react, redux and typescript to build Workday's new analytics platform.
- Leading efforts to redefine the development workflow and build systems of 7 production applications into a monorepo that utilizes Nrwl's Nx build framework.
- Owner of a pluggable, e2e test framework that utilizes node and selenium webdriver.
- Imposed new standards on the team's project structure using custom eslint rules.
- Implemented new development process standards with the introduction of conventional commits, semantic versioning and CI/CD improvements.

Software Application Engineer, Workday, Student

Pleasanton, CA • July 2016 — September 2020

- Experience developing REST and SOAP web services for use in transactional requests and high volume integrations, respectively.
- Architectural lead on a multi-release project to ensure payment transaction stability at universities of 50,000+ students.
- Performed 7 critical data conversion initiatives impacting ~30 customers and millions of data transactions.
- Reduced test suite times by 29% through the use of concurrency and targeted testing based on impact analysis.
- Intern manager (2 summers) and scrum master on multiple teams.

Software Developer, Rensselaer Center for Open Source

Troy, NY • January 2014 — June 2016

- Prototyped a Metropolis-Hastings sampling algorithm in Python to attempt to reduce the time complexity of predicting secondary fold structures in RNA.
- Worked on a project in C++ that strove to improve the time performance of genetic algorithms by using a distributed network to process multiple generations simultaneously.

Systems Analyst - ITLP Intern, Becton, Dickinson and Company

Franklin Lakes, NJ • May 2015 — August 2015

- Captured the business rules of thirty-one laboratory sites as workflows within Labware's Laboratory Information Management System.

Software Developer Intern, Harvard Management Company

Boston, MA • June 2014 — January 2015

- Completed migration of scripts from two Solaris boxes to Linux boxes, coordinating with banks to ensure the validity of data transactions.

PROFILE

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PROGRAMMING LANGUAGES

TypeScript, JavaScript

HTML & CSS

Python

Java

Bash

SQL

TECHNICAL SKILLS

React Redux Node

Redux-Saga Emotion

Monorepo (Nx, Lerna)

Webpack/babel Eslint

Jest Enzyme Git

EDUCATION

Rensselaer Polytechnic Institute

Troy, NY

2012 — 2016

B.S. Computer Science, Finance

GPA: 3.5, Cum Laude

CERTIFICATIONS

Certified Scrum Master