

Elias Cole III

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Work History

Comcast Technology Solutions, Seattle, WA

December 2015 - Current

Client Solution Engineer

- Worked closely with customers and solution architects to design and implement custom solutions in order to deliver streaming video to millions of end users worldwide
- Provided consultation and support for content workflow, player services, design, custom features, and best practice approaches to mitigate technical gaps
- Contributed to and maintained legacy Java/Groovy solutions, Node.js scripts, and single page web applications(SPAs)
- Demoed and explained completed solutions to customers and support
- Utilized various testing techniques across many projects, including unit, GUI, and black box UI testing
- Implemented a custom solution to enable trickplay on Roku devices across many NBCU TVE channels, including Oxygen, Syfy, and NBC News
- Designed and implemented adblocker detection, redesigned the social media sharing functionality, implemented pixel perfect UI design specs, and upgraded the workflow to include version control and ES6 for NBC Sports
- Contributed to my team's best practices by creating a SPA template, which has been used in a B2B/B2C PoC for NBCU GMO

Fall Creek Farm and Nursery, Fall Creek, OR

October 2014 - October 2015

Front-end Web Developer

- Led the front-end development for an application that handles tissue culture production, evaluation, and scheduling, inventory, protocols, media preparation, and resource management
- Created code generators that generate and maintain the bulk of the standard CRUD code
- Created an internal tool to assist in creating and maintaining model definitions
- Assisted in creating and defining code and design standards
- Participated in schema analysis and design
- Consumed a RESTful API to create custom widgets/apps
- Wrote and maintained a suite of GUI tests using Intern.io and Nightwatch
- Investigated and integrated various libraries, including Vis, DataTables, Moment, and an inflector
- Deployed a WordPress site to facilitate internal communication
- Engaged in Agile development methodologies

Education

Lane Community College (LCC), Eugene, OR

January 2012 - June 2014

Associate of Applied Science degree in Computer Programming

Massachusetts Institute of Technology (MIT), Cambridge, MA

June 2006 - December 2008

Major: Chemical Engineering