

# Lindsee Purnell

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## EXPERIENCE

**Software Developer - ThriftBooks, Tukwila, WA.** *February 2020 - Present*

- Delivered a .Net application to handle over 400 VAT invoices a day for our Ebay Clients.
- Designed and developed new functionality to give all 4 million Thriftbooks customers the ability to pre-order books.
- Simultaneously worked with SCRUM back-end developers and a Kanban front-end design team to consistently deliver new features to customers.
- Ported legacy software to newly architected application with refined C# services.
- Restructured SQL procedures to ensure run time efficiency and speed.

**Software Development Intern - ThriftBooks, Tukwila, WA.** *November 2019 - February 2020*

- Ensured complete ADA compliance on the website, became the subject matter expert on this topic.
- Communicated with a third party legal team on progress of website compliance.
- Built reusable React components for Screen Reader utilization throughout the site.
- Implemented functional, clean and compliant styling in SCSS and HTML.

**Corporate Functions Intern — Weyerhaeuser, Seattle, WA.** *January 2019 - June 2019*

- Applied Builder design pattern to efficiently create complex objects parsed from XML
- Facilitated in a company wide migration from SharePoint 2010 to SharePoint Online.
- Utilized Microsoft Azure services to transfer website libraries and metadata to the cloud.
- Developed backend C# script to communicate to a RESTful API.

**Instructor — Coding with Kids, Gig Harbor, WA.** *May 2016 - July 2018*

- Taught programming fundamentals in Scratch to children of all ages.
- Instructed a web development class that focused on animations in Javascript and HTML.
- Presented and organized curriculum for a beginner Python class.

## PROJECTS

**Cloud Probability—Python, ReactJs**

- Available here: <http://cloudy.linnypur.me/>
- [Open Weather Map API](#) provides data to Python backend which makes estimations of what cloud formations may be in the sky.
- Built a RESTful API library that derived probabilities and data.
- Made a frontend website using ReactJs that allows the user to interact with the webservice.

**Twitter Sentiment—Python**

- Used Twitter's Tweepy library to parse and aggregate over 10,000 tweets for analysis.
- Analyzed parsed tweets using a NLP library to determine emotional connotation of statements.
- Created view of data to show positive and negative sentiment towards the given topic.

**Color Functionality—GO**

- Contributed to an existing open source communication application, SSH-Chat.
- Leveraged Docker to develop in a containerized development environment.
- Designed a feature to give the user the ability to change their color in an active chat session.

## EDUCATION

**Bachelors of Science in Computer Science and Systems** *September 2016 - June 2019*

*University of Washington Tacoma, Tacoma, WA*

Classes: Operating Systems, Natural Language Processing, Java Practicum, Discrete Mathematics, C System Programming, Data Structures, Algorithms, Human Computer Interaction

**Associates of Arts and Sciences**

*November 2013 - March 2016*

*Tacoma Community College, Tacoma, WA.*