

ILLIA SHERSHUN

OR | (503)-995-1757 | illiashershun@gmail.com | <https://github.com/gmillia>

EDUCATION

Portland State University – 2020 – B.S. Computer Science

SKILLS

- Programming Languages:
JavaScript, Node.js, Python, C++, C, Java, C#, .NET
- Web Technologies:
React.js, Vue.js, Angular.js, jQuery, REST, HTML, CSS, SASS, Bootstrap, JSON
- Data Management:
SQL, PostgreSQL, NoSQL, MongoDB, Firebase (Firestore, Realtime, Storage)
- Cloud:
Google Cloud Platform, Firebase
- Technologies:
Git, Jira, Windows, Linux
- Other Skills
Data Structures, Algorithms, Product Management, ML

EXPERIENCE

OHSRank

2019-Present

<https://ohsrnk.web.app/>

- Developed an innovative webapp, which provides statistics and makes predictions for various Oregon High School sports.
- Implemented backend in Node.js – a multi-level pipeline, which collects data from official database using API, analyzes the data, calculates statistics, and makes statistical predictions using Poisson Distribution.
- Configured Google Cloud Functions to manage user requests and access data on MongoDB Atlas.
- Designed front end using React.js and Material UI.
- Stack: Node.js, MongoDB, Firebase, React.js, Redux

StopSpot

2019-2020

<https://github.com/gmillia/StopSpotDataPipeline>

- Analytical pipeline for a local bus company. University capstone project, working on a team of 8 engineers.
- Participated in Agile Software Development, where helped produce and execute model development plans.
- Developed and optimized analyzers(flaggers), which automated data processing.

- Developed unit testing for flaggers, as well as end-to-end automated testing for the pipeline.
- Designed and implemented parts of notification system for the user.
- *Stack*: Python, PostgreSQL, Docker.

PROJECTS

Internet Relay Chat (IRC)

<https://github.com/gmillia/IRC>

- CLI chat that allows client to create user and interact with other users.
- Used socket programming to design and implement IRC chat (Python).
- Supports all main functionality of a traditional internet chat (e.g.: Slack), such as: user registration and authentication (login and logout), private and group chats (rooms) and messaging.

Soccer Forecast

<https://github.com/gmillia/Betting>

- Implemented analytical data pipeline which makes soccer forecasts using Poisson Distribution model.
- Cut the need to make manual calculations for predictions.

MANAGEMENT

Soccer Coach, Portland State University

2019 – 2020

Portland, OR

- Develop training, and game plans.
- Ensure team and player progress.

Soccer Coach, David Douglas High School

2016 – Present

Portland, OR

- Manage and guide student athletes, develop training, and game plans, assist coaches.

LANGUAGES

- English, Russian, Ukrainian

STRENGTHS

- Creativity, Flexibility, Organization, Collaboration, Reliability

LINKS

- [Personal Website](#)
- [LinkedIn](#)