

# Julia Grandury

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#) | [Blogs](#)

## SOFTWARE ENGINEERING PROJECTS

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- **[LifeCycle App](#)** (MongoDB, Express, React, Node, Redux, JWT, Bcrypt, JEST) Allows users to virtually upload and share their closets with friends for sustainable fashion habits. Features include swap and borrow requests, tracking of out of closet items due to repairs or lending, outfit tracking and ideas, packing a suitcase, and closet statistics.
- **[Phoenix App](#)** (PostgreSQL, Express, React, Node) Facilitates job search and networking organization and tracking.
- **[Sailing School Web Scraper & Reservation Bot](#)** (Node, Express, Mocha) Scraper retrieves details of available courses and bot leverages response and stored user credentials to reserve desired course.
- **[Playlist App](#)** (Spotify REST API, React) Lets users create playlists externally and save them to their Spotify account.
- **[Brighter Days Chrome Extension](#)** (JavaScript) Replaces sensitive content with images of puppies and quotes.

## EDUCATION

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**Washington University in St. Louis**, St. Louis, MO

Dec 2018 – May 2021

Bachelor of Arts, Major: Psychological and Brain Sciences, Minor: Computer Science, GPA: 3.3/4.0

- Dean's List 2021, 1 of 12 students selected for Chimes Junior Honorary Class of 2019/2020 with 0.7% acceptance
- Data Structures and Algorithms, Object Oriented Development, Discrete Mathematics, Web and Mobile Development
- **Independent Courses:** Python 3, JavaScript, SQL, Full Stack Engineer Career Path (Codecademy), Version Control with Git (Udacity), AWS Developer Certification (AWS), Foundations of Humane Technology (Center for Humane Tech)

## WORK EXPERIENCE

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**Freelance Web Developer**, New York, NY

Jan 2022 – Present

- Improved 3 entrepreneurs' digital footprint by ~80% with website development and maintenance in JS, React, HTML/CSS
- Conducted weekly stakeholder meetings to provide progress updates, align on priorities, and confirm next steps

**Software Engineer Intern, Emissions Reduction Now**, Montréal, CA

Jun 2020 - Sep 2020

- Conducted UI/UX workshops with Founder and Senior Engineer following web content accessibility guidelines
- Developed front and back end shopping list features of the Climate Cook Mobile App using MySQL and AWS lambda
- Contributed to business review and shareholder meetings to discuss ideal customer profile and go-to-market strategy

**Data Structures and Algorithms TA, Washington University in St. Louis**, St. Louis, MO

Jan 2020 – May 2021

- Evaluated performance of over 400 students by debugging, grading, and proctoring weekly labs and exams in Java
- Led weekly sessions to help groups of 4-8 students grasp advanced course concepts and solve programming problems

**Pediatric Emergency Research Associate, St. Louis Children's Hospital**, St. Louis, MO

Sep 2018 – May 2021

- Analyzed 20-50 Emergency Department patient files weekly to assess eligibility for 10 ongoing medical studies
- Presented purpose and benefits of medical studies to eligible patients following strict protocol and facilitated enrollment

**Medical Intern, Colombo South Teaching Hospital**, Colombo, Sri Lanka

Jul 20 – May 2021

- Assisted in preparation and during surgeries and consultations in the Neurology, General Medicine, and Emergency Services
- Streamlined patient triage at external medical camps, increasing efficiency of consultations and prescription by 20%

## COMMUNITY & LEADERSHIP

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**Volunteer Windsurfing Instructor**, Les Glénans, Brittany, FR

Jul 2022 – Aug 2022

- Create and teach theoretical and practical curriculum while evaluating the progression of up to 20 students at a time on water
- Ensure safety of up to 20 juniors (14-17) or adults (+18) in coordination with local coast guard and rescue centers

**Special Event Coordinator**, Wölffer Estate Vineyard, East Quogue, NY

Sep 2021 – Present

- Organize events, coordinate varying size teams and upwards of 15 vendors per event, anticipate and cater to client's needs

## SKILLS & INTERESTS

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**Skills:** JavaScript, TypeScript, Python, Java, C++, React, Node, Express, SQL, MongoDB, PostgreSQL, Firebase, AWS, Git

**Languages:** French (native/bilingual), English (native/bilingual), Spanish (conversational)

**Interests:** Windsurfing (instructor), Dancing (pre-professional), Rock Climbing and Hiking (climbed Kilimanjaro and the AT), Environmental Justice and Sustainability (developed a sustainability plan now in action for University City, MO)