

Julia Grimes

[GitHub](#) | [LinkedIn](#) | [Personal Site](#)

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PROJECTS ([see personal site for more](#))

[SpendPoint](#) – *web presence for a software company*

Project manage to collaboratively execute deliverables and meet deadlines
Understand stakeholder messaging and priorities
Custom CSS animation activated on scroll, email form integration with EmailJS
Created design and custom assets with Adobe Illustrator and Figma
Frontend single page application built with npm, webpack, React.js, Bootstrap

[EcreboCPR](#) – *a site that acts as a demo for POS receipt software*

Custom branding for fictional grocery retailer
Custom Rive animation integration with React, email form integration with Mailtrap
UX Research and successful iterative project planning to deadlines
Responsive design including mock app store pages
Used Adobe Indesign, Illustrator and Photoshop to create digital assets
Built with npm, webpack, React.js, Bootstrap

[Signs Of Life](#) – *a 2D Unity Game*

Art created with Adobe Illustrator, InDesign, Photoshop, Procreate
Designed, written and developed, coded in C#
Iterative gameplay testing and development

[Kate FitzGerrell Portfolio Project](#) – *an artist's website*

Frontend application built with npm, webpack, React.js, Vue.js, Bootstrap
Created backend interface for client, collaborated with client on desired user flow
Project management including scheduling with strong constraints on budget and timeline. Updated and optimized digital assets using Photoshop.
Backend RESTful API using MVC architecture built with Ruby on Rails
Secure authenticated user profiles using JSON web tokens

EDUCATION

Maryland Institute College of Art (MICA) — *Interactive Arts, BFA*

MATRICULATED MAY 2024

France-Merrick Fellow, 2015-2016 | Teaching Assistant Fall 2015
Community Site Leader, 2013-2014
Studio Intern at Diablo Glassblowing Studio, Summer 2015

Actualize Coding Bootcamp — *Full Stack Web Development Certificate*

OCTOBER 2022 - JANUARY 2023

Benjamin Franklin Institute of Technology — *Mechanical Engineering Technology, AS*

MATRICULATED MAY 2020

SKILLS

Design Software: Adobe Photoshop, Illustrator, After Effects, InDesign, Procreate, Blender, GIMP, NX, SolidWorks, Blender, Figma

Languages: JavaScript, HTML, CSS, SQL, C#, TypeScript, Java, Ruby

Frameworks: Ruby on Rails, React.js, Bootstrap, Gatsby, Vue.js

Databases/Libraries/Tools: Postgres, APIs, Node/npm, Git, GitHub, Rive Unity,, Lottie, Drupal, MySQL, Jira, Confluence

Soft Skills: Project management, leadership, mentoring, communication, mediation, time management, problem solving, organization

AWARDS

Power of You - Gold Award For excellence within manufacturing and consistently exceeding metrics

Ralph G Adams Memorial Award for Outstanding Achievement and Integrity in Mechanical Engineering Technology

CERTIFICATIONS

Mechanical Design SolidWorks Associate - Dassault Systemes issued December 2019

EXPERIENCE

Self-Employed, Brookline, MA — *Freelance Web Developer and Designer*

APRIL 2023 - PRESENT

Manage clients to create custom branding and responsive websites for their professional and personal needs.

Provide iterative work cycles during the design and testing phase to verify the most important features and use cases of the sites by analyzing site visit metrics, analyzing and explaining user flow, and responding to feedback from stakeholders.

Commonwealth Fusion Systems, Somerville, MA — *Lead Production Technician*

NOVEMBER 2022 - JUNE 2023

Lead a team of five technicians to create proprietary superconducting cables with embedded temperature sensors up to 250m in length for a commercial fusion energy company's device called a tokamak

Create and design work instructions and standard operating procedures

Project manage by translating engineering goals to technician tasks and creating iterative schedules with stakeholder check ins

Mentor, train, and provide documentation for technicians, engineers, software developers, and supervisors in the department

Commonwealth Fusion Systems, Cambridge, MA — *R&D Technician*

APRIL 2022 - NOVEMBER 2022

Communicate with mechanical drawings and verbal instructions to assemble and improve R&D devices and processes

Collaborate with engineers to design and execute novel processes to collect data or create a product

Re-design and 3D print updated parts using NX and Cura for conductivity test equipment to improve data for research projects by scaling relative measurements

Work across a hybrid team to deploy new strategies, processes, and tools such as database systems, inventory management and quality assurance checks

Document and lead upgrades and troubleshooting for specialized cryogenic electrical testing equipment

P&G Gillette, South Boston, MA — *Process Lead*

MAY 2020 - APRIL 2022

Created interactive work instructions with SolidWorks animations on company intranet using JavaScript, HTML, and CSS for increased accessibility and clarity for on the floor technicians, addressing a skill gap in the factory.

Redesigned work instructions for clarity and specific tasks that created bottlenecks; identify areas of improvement and create plan to remedy and gather data

Discovered a manufacturer's part tolerance discrepancy present on 8 machines creating weld strength defects and reduced scrap by an average of 2% per machine

Resolved discrepancies between engineering drawings and floor machines by collaborating with engineering office

Took on interim manager role for 6 weeks for a team of five technicians operating 18 assembly machines, maintained above target PR numbers, and managed qualifying a new material during a supply chain issue

iFixYourI, Brookline, MA — *Technician*

OCTOBER 2019 - FEBRUARY 2020

Repaired and diagnosed hardware and software on personal and household electrical devices

Work with clients to understand their needs and explain technical troubleshooting and use cases, such as the cloud

Ecrebo — *Freelance Graphic Designer*

JULY 2018 - MAY 2020

Worked with executives and marketing experts to design and create visual mock-ups using image manipulation software to showcase results of start-up's proprietary receipt printer software for retail stores