

Evan Patrick

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Overview:

I am an accomplished software engineer proficient in JavaScript, Python Django, HTML, CSS, and Mendix, with a proven track record of delivering high-quality results. I hold certifications in all of these technologies, demonstrating my mastery in each. Prior to my work in application development, I gained extensive experience in research and development environments. As an undergrad, I worked on multiple research teams, as well as participated in various extracurricular engineering groups. My passion for learning drives me to continuously expand my knowledge and skill set, and I am eager to take on more challenging and rewarding software engineering roles.

Work Experience:

EPI-USE America, Inc | Software Engineer

October 2021 - Present

- Developed multiple enterprise level applications for clients of EPI-USE America Inc
- Manages development projects by serving as the scrum master
- Works in both Agile or Waterfall environments depending on client needs
- Trains client employees on use of new software
- Manages merging and deployment of applications via CI/CD environments

Education & Certifications:

University of Tennessee Graduated May 2019 BS Chemical Engineering GPA 3.5

<https://www.theodinproject.com/dashboard>

The Odin Project, JavaScript Foundations 2019 -2020

The Odin Project, JavaScript Full Stack Development 2020 – Present

<https://academy.mendix.com/link/home>

Mendix, Intermediate Developer Certified



Portfolio Website:

<https://www.evanpatrick.site/>

Github:

<https://github.com/EvanPatrick423>

Technical Skills:

- JavaScript
 - node.js
 - express
- Java
- Python
 - Django
- Mendix
- Jenkins CI/CD tool
- MongoDB
- PostgreSQL
- CSS
- HTML5
- VBA
- Labview
- ChemCad
- Solidworks
- Proficient in Office

Activities:

Chem-E-Car Captain

Chemical Engineering

Competition

August 2016 - December 2018

- AIChE Nationals 2018 placed 8th
- AIChE Nationals 2017 placed 13th
- AIChE Regionals 2017 placed 3rd

Work Experience: (cont)

Chattanooga Coin | Systems Administrator

February 2021 – October 2021

- Managed the website chattanoogacoins.com
 - Updated site with new products
 - Designed the theme and layout of site
- Developed internal software for inventory management and other businesses needs
- Designs and publishes new catalogs
- Solves problems with any IT related issues

Legacy Box | Repair and IT Technician

February 2020 – February 2021

- Managed the operations of 37 media capture stations
- Troubleshoot stations, media capturing software and media printers
- Created Routine Maintenance Schedules to prevent and reduce downtime on stations
- Performed routine maintenance on all media capture stations
- Improved the working efficiency of the floor through continuous improvement practices

Vital Farms | Head of R&D/Laboratory Manager

September 2019 – February 2020

- Designed a centrifugal partition chromatography (CPC) process for extraction of cannabinoid compounds, a method of extraction that achieves higher extraction purity, with lower operational cost
- Researched and found manufacturers of CPC equipment that meet the companies standard for CBD oil extraction and separation processes
- Worked with the regional manager and CEO to source buyers, harvest, process, and store the physical biomass, and renovate our extraction laboratory

University of Tennessee | Research Assistant, Dr. Harris

May 2019 – August 2019

- Designed network communication structure using Labview, that would allow researchers to operate the chemical engineering controls systems lab machines remotely from any internet capable devices.
- Researched microcontrollers that meet requirements of communication software.

Activities: (cont)

Tau Beta Pi Engineering Honors Society

Community Service Leader

November 2018 - Present

- Collaborated in small teams to organize community service events. Ours was to try to get high school students excited about engineering and engineering concepts.
- To help achieve this I was the main point of contact between our group and a local teacher wanting to make rudimentary electric guitars as a project for their high school, while also helping the teacher figure out how to achieve said goal and implement for class room.

Oki Turbo

November 2016 - Present

- We create, refine, memorize, perform, and record pieces of music

<https://open.spotify.com/artist/1XPVjiMlhWj4FrGRJ8UZGv?si=pjtv0GtxS2CvkuHWOatDHA>

Honors:

Graduated University of Tennessee with Deans list distinction for high academic standing 2015 – 2019

Tau Beta Pi Engineering Honors Society Member