

Salar Houshvand

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🌐 salarhoushvand.github.io/myresume • in salar-houshvand • 🌐 SalarHoushvand

Motivated developer with graduate degree in software engineering. Experienced in academic projects. Knowledgeable in front-end, back-end, graphic design, web applications and database. Passionate about learning new technologies.

Experience

- **East Carolina University (NSF RED:PPSE PROJECT)** **Greenville, NC**
Developer *May 2019 - December 2020*
 - Designed and implemented the user interface of the website using React.js, CSS and HTML.
 - Developed algorithms to automatically generate questions for different topics in discrete mathematics.
 - Designed logo, depicts and clip arts using Adobe Photoshop .
- **East Carolina University** **Greenville, NC**
Graduate Assistant *January 2019 - December 2020*
 - Assisted faculty in the development of high-quality graphs for illustrating complex technical concepts using Lucidchart, GeoGebra, Latex, and Excel.
 - Strong data analysis skills are shown in developing data for the Computer department's external evaluation report; submits all concise reports on time.
 - Mentored new colleagues by conducting recitation sessions and leading lab classes for algorithmic problem solving (CSCI1010).
- **Sky Design** **Tabriz, Iran**
Graphic Designer *November 2013 - February 2015*
 - Conceptualized and developed graphics products for product illustrations, company logos and online website projects using Adobe Photoshop, Illustrator, InDesign, among others.
 - Coordinated, created and scheduled content, designs and periodic updates to the company website.

Projects

- **RESTful API for Discrete Math using Flask (Thesis Project)** [GitHub](#)
 - Developed a RESTful API using Python's Flask library to generate unlimited number of questions and their answers on selected topics in discrete math.
 - The goal was to help students practice their mathematical skills for different questions.
- **Quiz App using Python and JavaScript** [GitHub](#)
 - A web application for generating quizzes using the API I built. The system keeps track of user's progress and depicts it with a chart and a table by utilizing Google charts.
- **OCR tool for Telugu** [GitHub](#)
 - Developed an OCR tool using Python to convert image file to text.
 - By using this application unlimited number of handwritten documents in Telugu language can be converted to text in making corpus for future projects.
- **Musica** [GitHub](#)
 - A progressive web application using React to get information of artists from Spotify API and show top 10 songs of each.
 - You can search any artist and play a demo of their 10 top songs.

Education

- **Master of Science (M.S.), Software Engineering** **East Carolina University**
Greenville, NC *January 2019 – December 2020*

Skills

- **Programming Languages:** Python, JavaScript, Java, PHP.
- **Web Development:** HTML, CSS, SASS, NodeJS, React, AWS, Database, REST API, PWA.
- **Other:** Graphic Design, Version Control, Scrum, MS Office Suit, Adobe Suit.
- **Languages:** English(Professional Proficiency), Turkish (Native), Persian(Native), French(Elementary Proficiency).