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 user interface, back-end, graphc design and database. Passionate about learning new technologies.

Experience

East Carolina University (NSF RED:PPSE PROJECT)   **Greenville, NC**
Web Developer   *May 2019 - Dec 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 - Dec 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** 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.
- **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.
- **Input form template** GitHub
  - Responsive input form designed with HTML, CSS. Using Python as back-end. Deployed throuth Heroku and stores image files using Amazon AWS.
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Education

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

Skills

- **Programming Languages:** Java, Python, JavaScript
- **Web Development:** HTML, CSS, SQL, React, AWS, Darabase
- **Other:** Version Control, Scrum, MS Office Suit, Adobe Suit.
- **Languages:** English(Professional Proficiency), Turkish (Native), Persian(Native), French(Elementary Proficiency)