Hiba Machfej

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A developer with a diverse background, I am experienced in advancing technical projects and empowering students to join the tech community. Through my work as a coding trainer and mentor, I've developed a skill for making complex concepts accessible. My academic studies in Architecture and Urban Design enriched my skills in crafting intuitive, user-centered UI/UX designs. I am passionate about Technology, Community, and Design, and I do my best to merge technical know-how, design insight, and educational experience to make meaningful contributions to development and design initiatives.

TECHNICAL SKILLS

Programming: ReactJS, NEXT.js, VueJS, Javascript, MERN Stack, HTML, CSS, SCSS, TailwindCSS, Airtable, AssemblyScript, Rust, Python, Bootstrap, Firebase, Jest Tests, Typescript, Postman.
Design: Figma, Adobe XD, Photoshop, Illustrator, Autocad, 3d Max, Revit, Rhino, Vray.

EMPLOYMENT HISTORY

Re:Coded, Remote
Trainer and Software Developer, *January 2023 - Present*
+ Craft lesson plans and materials to diverse learning needs.
+ Lead interactive classes with innovative methodologies, inspiring student participation.
+ Mentor students and Provide personalized support for students during their learning journey.
+ Utilize Salesforce reports and dashboards to analyze student progress and performance.
+ Contribute to the development of customized Salesforce solutions to meet specific program requirements.

Re:Coded, Remote
Trainer Assistant and Software Developer, *February 2022 - January 2023*
+ Working directly with Re:Coded students.
+ Create productive, inspired, employable practitioners of a technical craft.
+ Work on planning for classes.
+ Teach and Support the learning material.
+ Build community within our student body.

NEAR Education, Remote
Software developer, *April 2021 - April 2022*
+ Host workshops and online training sessions.
+ Design and develop educational products.
+ Develop smart contracts and DApps on NEAR Protocol.
+ Create websites and tutorials that help people learn about NEAR.
+ Support the teaching process by assisting in Zoom meetings.

Agcakale Architecture, Istanbul, Turkey
Freelance Architect, *February 2020 - June 2020*
+ Attended project meetings to specify project requirements and deliverables.
+ Used Agile management system and worked remotely until successfully meeting the project needs.
+ Utilizing various tools to meet the project needs.

Siyahkalem Engineering Construction, Istanbul, Turkey
Architect, *January 2017 - April 2019*
+ Work with teams from other professionals to deliver project requirements at the right time and budget.
+ Assembled and produced materials, including reports, renderings, diagrams, and charts for meeting presentations.
+ Specify the quantities and requirements for projects that resulted in winning many bids, including a stadium project.
+ Create building designs and highly detailed drawings using Revit, Autocad, and 3ds max applications.

EDUCATION

Istanbul Technical University - Istanbul, Turkey - Present
+ P.h.D in Urban and Regional Planning focusing on social sustainability and community technology initiatives.
+ Research different topics related to technology, such as digital platforms, to enhance civic engagement in smart cities.
+ Adopt and analyze both quantitative and qualitative research methodologies.

Re:Coded Bootcamp ([Re:Coded](#) + [Flatiron School](#)) - *2020*
+ Front End Web Development (HTML, CSS, JavaScript, React)
+ 5-month intense web development program run by Re:Coded with Flatiron School's curriculum.

Istanbul Technical University - Istanbul, Turkey - Graduated in 2018
+ MSc in Urban Design, with a focus on social sustainability, gender equality, and quality of life in urban areas.
+ Used SPSS for analyzing quantitative statistical data.
+ Received fully-funded scholarship

Yarmouk Private University - Damascus, Syria - Graduated in 2015
+ BA in Architectural Engineering
+ 5 year program including engineering, design, and sociology topics.
+ Graduated at the top of class

TECHNICAL PROJECTS

NEAR in Minutes - [Github](#) | [Demo](#)
NEAR in Minutes makes it as easily as possible to learn about NEAR by binge-watching videos in your favorite language.
+ Environment: Vue, TailwindCSS, i18n, Airtable.
+ Designed and Developed the frontend using Vuejs and backend using Airtable.
+ Recorded tutorials to enrich the learning process.

APPCART - [Demo](#)
Get Your App Built by Top Development Teams.
+ Environment: React, Redux, SCSS, Axios.
+ Worked on the development of the customer experience in the website.
+ Developed different React components like wizard and form.

Safe Place - [Github](#) | [Demo](#)
Full-Stack website to tackle the problem of domestic violence against women.
+ Environment: React, SCSS, HTML, Firebase, Jest tests.
+ Used Agile management and collaborated with three colleagues.
+ Adopted Google Maps and WordPress API.
+ Developed and designed wireframes using Figma; used Illustrator to edit graphics.

LANGUAGES

+ Arabic: Fluent
+ English: Fluent
+ Turkish: Moderate

PUBLICATIONS

+ Machfej, Hiba. (2020). GENDER EQUALITY AND POST CRISIS TRANSFORMATION: CASE OF DAMASCUS CITY. International Congress of Architecture and Planning (ICONARCH IV) - ISBN: 978-625-7327-00-8

EXTRACURRICULAR ACTIVITIES

+ Project Management Professional PMP® training course - 2015
+ Participation in ICONARCH – IV International Congress of Architecture and Planning - 2020