

Neja Cesnik

Computer Scientist fascinated by the intersection of design, engineering, business and human behaviour. Interested in technology but more excited about the people using it. Creative problemsolver, global citizen and advocate for Women in STEM.

EDUCATION

2017 - Jun 2021

BSc (Hons) Computing Science, predicted 1st Class (Top 10%) School of Science and Engineering, University of Dundee, United Kingdom **Exchange year** Faculty of Mathematics, University of Waterloo, Canada

Honours Project Web Application to Support the Design Sprint Process (Dr Rachel Menzies, UX'd Lab) • Project that supports the planning stage of a Design Sprint and helps facilitators focus on the people, rather than the process.

Relevant Coursework Human-Computer Interaction, User Experience, Algorithms and Data Structures, Agile Software Engineering, Technology Innovation Management

PROFESSIONAL MEMBERSHIP

British Computer Society (BCS)

RESEARCH INTERESTS AND SKILLS

Research Interests

- Personal Informatics
- Creative Methods
- Future of Work
- · Creativity and Productivity

Design Quantitative and Qualitative User Research, Prototyping, Design Thinking, Interactive Design Technical React, JavaScript, Adobe XD, Axure RP, Java, HTML, CSS, C#, SQL, Adobe Photoshop, Unity **Languages** Slovenian (Native), English (Fluent)

WORK EXPERIENCE

Mar 2019 - Ongoing

Customer Experience and Digital Manager

Jabka, Slovenia

Building the website and overseeing customer relations at DOK Brda - Open wine cellars day

- Facilitating strategy sessions for future editions and improvements of the event
- Creating a website with an online store, saving about 100 hours of work used for manually issuing
- Analysing after-event feedback from over 1200 guests

Jun - Aug 2019

Software Engineering Intern

Parsek, Slovenia

Website Development team working for A1, Slovenian's biggest mobile network provider

- Working with a team of 6 to help improve user experience and introduce new features
- Implementing full-stack with 1.7 million visits monthly
- Coding mainly in Java EE and JavaScript, also using HTML, CSS, SQL

Jun - Aug 2019

Product Manager

Loop Email, Slovenia

Summer Challenge where teams develop a solution to improve the start-up's flagship product

- Developed a system automatically sorting emails from a shared inbox into groups by keywords or domains and assigning it to the person in charge of the specific area
- Testing the product to gain insight and recognise the areas in which it could be improved
- Supporting the technical team to successfully follow the product strategy



Jun 2018 - Nov 2019

eLearning Scoping and Strategy Research Group member

CISV International, United Kingdom

Responsible for contributing to the development of eLearning in the Strategic Plan 2010-2021, which aims to provide online education for 70000 volunteers worldwide

VOLUNTEER POSITIONS

Jan 2021 - Jun 2021

Events Manager

University of Dundee Women in STEM, United Kingdom

Part of the committee and acting as Events Manager. Main responsibilities include coming up with, planning and hosting events, including founding the Steminist Book Club and running the Sisterhood programme, where senior students are paired with first years.

Aug 2020 - Jun 2021

Equality, Diversity and Inclusion Student Executive

School of Science and Engineering, University of Dundee, UK

Serving as a Student Executive on the council, bringing forward questions, concerns and ideas. Part of the working group addressing sexism and researching the extent of it within the School of Science and Engineering.

May 2019 - May 2020

Vice-President

Dundee University Computing Society, United Kingdom

Overseeing the tasks assigned to other committee members, planning an event schedule, established Women in Computing subgroup, main organiser for Quackathon 2020

CONFERENCES AND EVENTS

Summer School

- Global Challenges in Engineering and Technology at ECUST in Shanghai, China 2018 **Technology**
- Grace Hopper Celebration 2019
- Canadian Celebration of Women in Computing 2018
- TreeHacks 2019 Stanford University | Stance | Web application that provides non-biased recommendation for US politicians who best reflect your beliefs on controversial issues

PERSONAL PROJECTS

Ongoing

Web Application to Support the Design Sprint Process

As part of my final project, I am developing a web application that will allow Design Sprint facilitators to plan and schedule their workshop timeline. This includes and extensive requirements gathering phase with user testing interviews, developing multiple wireframes and prototypes and developing a website using React (with Material UI), Express, Node and MongoDB.

Ongoing

Technology Graduate

Developing a website that will have a collection of more than 150 manually sourced technology graduate programs available in the UK to help students find all information quickly. Using React, Express, Node and MongoDB.

Dec 2020

Virtual University Open Days ☐

Created an interactive prototype as part of a group for the Virtual University Open Day concept which achieved the highest grade possible in a User Experience module. Ideation was done through a Design Sprint process, sketching the interface as a low fidelity prototype. The interactive prototype was designed in Adobe XD, with an extensive design system and use of atomic design principles.

Virtual Pub Quiz ☐

Designed, created and deployed a web application that allows users to host their own pub guiz with randomly sourced questions and play it with friends. Worked on the frontend which was done in React.