

DANIEL JELČIĆ

danieljelcic.com | daniel.jelcic@tufts.edu | (781) 539 - 3033 | Greater Boston Area, MA
[LinkedIn](#) : danieljelcic | [GitHub](#) : danieljelcic | [Behance](#) : danieljelcic

EDUCATION

Tufts University | Medford, MA Aug 2017 - May 2021
Bachelor of Science in Computer Science (anticipated)
Cumulative GPA: 3.51 / 4.0 (Dean's List)
Past coursework: Data Structures, Web Programming, Machine Structure and Assembly Language Programming,
Computation Theory, Discrete Mathematics
Current coursework: Algorithms, Machine Learning, Visual Analytics, Computing for Developing Regions

United World College (UWC) in Mostar | Mostar, Bosnia & Herzegovina Aug 2014 - May 2016
International Baccalaureate Diploma

EXPERIENCE

Department of Computer Science, Tufts University | Medford, MA Sep 2019 - present
Teaching Assistant

- Guide and tutor over 100 students of the COMP40: Machine Structure and Assembly Language class on coursework including C and Assembly programming, memory structure, profiling and optimization
- Assess, grade and provide feedback on biweekly software design class assignments

Networking at Tufts Research Lab, Tufts U. School of Engineering | Medford, MA Jun 2018 - Aug 2019
Android Developer

- Developed an Android messaging app in Java that transmits cost-free messages encoded in missed calls
- Designed and implemented APIs for emulating SMS and phone calls over the Firebase real-time database
- Assisted research into high-latency communication channels in developing areas and their user interfaces

Tufts International Club, Tufts University | Medford, MA Sep 2017 - Sep 2019
Head of Campus Relations

- Coordinated a team of 7 committee members in biweekly meetings and their day to day tasks
- Organized a weeklong campus-wide event series with 500+ participants and 10+ partner organizations
- Co-wrote the club constitution that fully reorganized the club and expanded membership by over 100%

UWC Austria Short Course, UWC Austria | Vienna, Austria Jan 2017 - Sep 2018
Communications Director

- Designed, deployed and maintained branding and marketing campaigns with a 3,500+ weekly reach
- Coordinated feedback protocols between team members, students and participating organizations
- Co-led a series of workshops on LGBTQ+ history, awareness and allyship for 50+ students

PROJECTS

Hungrindr | Node.js, JavaScript, Pug, HTML, CSS, Heroku
A recipe repository with an ingredient-based search engine and a beautiful interface: designed the API call architecture, search rating algorithm, Pug templates and CSS

MissIt Chat | Java, Android Studio, Firebase
An android chat app that emulates the MissIt missed call channel and allows user to, besides exchanging traditional text messages, send response suggestions and reply to them free-of-charge with a missed call

SKILLS & INTERESTS

PROG. LANGUAGES: Java, C++, C, Python, JavaScript/Node.js, HTML, CSS
FRAMEWORKS & TOOLS: git, bash, Heroku, Android Studio, Firebase, Pug, MongoDB, Wordpress, Adobe CC
LANGUAGES: English, Croatian / Bosnian / Serbian, Spanish, German, Latin
OTHER SKILLS: Leadership, Project Management, Collaboration, Graphic Design, Marketing
INTERESTS: Entrepreneurship, Architecture, Public transit and urban planning, Social Justice, Non-profits, Government, Sustainability, International gastronomy, Podcasting