Nikola Uzelac

nuzelac@asu.edu · (480) 818 1453

EDUCATION

Arizona State University   *Aug. 2015 – May. 2019*
B.S. Computer Science. **Dean's List**. Tempe, AZ.   **Major GPA:** 3.60 | **GPA:** 3.45

WORK EXPERIENCE

Software Engineering Intern, STYR Labs   *May. 2017 – Aug. 2017*
- Implemented a customized QR code validator which reduced trainer/client link time by 250%.
- Designed, and developed a trainer module in the internal admin portal to keep track of 1000+ users.
- Implemented original RESTFUL endpoints for user validation and verification within the production app.
- Developed, integrated, and tested several new features in the production app using Typescript and Tabris.js

Software Engineering Intern, United Technologies   *May. 2016 – Aug. 2016*
- Led a project which allowed engineers to search/check items in/out from a lab. Estimated to save $50,000 a year.
- Developed a fault logging system which would record data when a certain pressure validity was not upheld.
- Hand on experience assuring the quality of several production releases through testing and debugging.

Software Engineer, Arizona's SpaceX Hyperloop   *Dec. 2016 – May. 2017*
- Created and designed state diagrams for the pod controller which were used in the final design package for SpaceX.
- Designed system architecture where bilateral controllers will talk to safety critical parts of the pod.

Engineering Teaching Assistant, Arizona State University   *Jan. 2017 – Present*
- Responsible for holding exam review sessions and helping students with their programming assignments.
- Students who attended my review sessions on average scored 10% higher on exams than those who did not.

PROJECTS   (*more at* github.com/uzeio)

PayPal Hackathon [Winner]
JavaScript, Bootstrap, HTML5, CSS3
- A TechShop 'Innovation Award – 1st place. Rebuilt a website for an NPO.
- Integrated Google Form for volunteer signups
- Handles data metrics for staff.

WatchGuard
Swift, Google API, HealthKit
- Implemented accelerometer and heart rate monitor to detect emergency situations.
- Queried hospitals near current location and sent emergency SMS's to contacts.

League Match
Typescript, Tabris.js, Node.js
- Lets users invite friends to keep track of small scale competitions.
- Node.js backend lets users send/receive invites to join leagues, along with direct messaging.

BitBite
Swift, Google Firebase
- Suggests food by comparing users' tastes based on past restaurants gone to.
- Integrates transports API's to help organize a group of people to go out and eat together.

SKILLS

Programming (Proficient)	Java, C++, Typescript, JavaScript,
Programming (Familiar)	C, Swift, Scheme/Racket, Python, Prolog
Libraries/Platforms	Node.js, Express, Socket.io, Git, Bootstrap

ACTIVITIES & LEADERSHIP   (*more at* linkedin.com/in/nickuzelac)

Director of Competition, *Software Developers Association*: Led and organized coding competitions for 80+ teams and 200+ students. Coordinated travel arrangements to Hack Arizona in Tucson for 150+ members.

Industry Chair, *Southwest Hackathon*: Helped raised over $50,000 in sponsorship money to run the event.

Student Engineer, *Arizona SpaceX Hyperloop*: Designed lasting system models which SpaceX approved.