# Nabi Habib

## Software Engineer

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## EDUCATION

**San Diego State University –** B.S., Computer Engineering

San Diego, CA

## PROFESSIONAL EXPERIENCE

**Bolt Medical -** Software Engineer Intern

April 2023 - September 2023                                                                 Carlsbad, CA

- Collaborated across cross-functional teams, including software (front end, back end, and embedded systems), systems testing, quality assurance, and mechanical testing
- Enhanced Gen1 and Gen2 machine functionality
- Validated Gen1 machine reliability and consistency through rigorous testing
- Ensured documentation accuracy by validating critical test procedures and reports
- Conducted 1000 durability tests on the Gen2 machine's display
- Assisted in updating Gen2 machine risk assessments

**Recon RF –** Intern

May 2022 - June 2022                                                                         San Diego, CA

- Conducted load pulls on transistors to find the optimum power and efficiency
- Calibrated Semiconductor test stations

## SKILLS

- Languages: C++, JavaScript, Matlab
- Frameworks: NodeJS, React
- Tools: Git (Jira, Bitbucket), Visual Studio Code, Electron
- MISC Programs: QCBD, Jamacloud, Picoscope 7, Ki Kad, Simulink, Word, Excel

## PROJECTS

**San Diego State University –** Software & Hardware Team

September 2022 - May 2023                                                                 San Diego, CA

- Worked in partnership with Northrop Grumman to deploy a quadcopter capable of delivering and releasing a one-pound payload of various configurations to support Search and Rescue teams