

# Saveen Chadalawada

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## EDUCATION

### B.S. Computer Science

University of California, San Diego

09/2014 - 03/2017    GPA 3.39 / 4.00

### Associates of Art, Mathematics

San Diego Miramar Community College

08/2012 - 05/2014    GPA 3.77 / 4.00

### Associates of Science, Chemistry

San Diego Miramar Community College

08/2012 - 05/2014    GPA 3.77 / 4.00

## EXPERIENCE

### Software Engineer (Engineer-1)

BAE Systems Inc.    04/2017 - ongoing    Defense and Aerospace

- Given security clearance by US Government.
- Developed in a waterfall environment.
- Discovered a difficult-to-find bug while investigating unit tests.
- Upgraded systems from Visual Studio 2013 to Visual Studio 2015.

### Software Engineer Intern (Tech. Intern-3)

BAE Systems Inc.    06/2015 - 04/2017    Defense and Aerospace

- One of the first interns to obtain security clearance.
- Upgraded UI/UX of: inbox, cheat-sheet, notifications, etc.
- Created a site-down page that all API calls route to in case of failure.
- Worked as a full stack engineer on a MEAN Stack project.
- Closed 72 User Stories/DRs.
- Took part in multiple sprint-planning, T-shirt sizing meetings, and daily scrums.
- Helped raise over \$8,500 to purchase bikes for military families.

### Teaching Assistant: Mathematics, Chemistry, and Computer Science

The Personal Learning Assistance Center, Miramar College

04/2013 - 09/2015    Education

- Promoted to TA after 1 semester: Assistant instructor during class and held 1-hour discussion sections outside of class.
- Promoted again to become online tutor: Made review powerpoints and held 1-hour tutoring sessions online.
- Held 30 minute to 1 hour one-on-one tutoring sessions with students.

## SKILLS

### 📄 Web Development (User Interface and Experience)

Professional Working knowledge in AngularJS, jQuery, NodeJS, TypeScript, HTML, CSS, Material Design, and Bootstrap.

### 💻 Programming Languages

Professional working knowledge in JavaScript, Java, Python, C, C++, C#, and Unix.

### </> Software and Data Structures

Professional working knowledge in Mean stack software, Big O Runtime Analysis, Github/Gitlab, Microsoft Office, Google Docs, Prezi, Visual Studio, NetBeans, Eclipse, GDB.

### 🧠 Algorithms

Professional working knowledge in DFS, BFS, Dijkstra's, Prim's Kruskal's, Bellman-Ford, Huffman, and Dynamic Programming.

## PROGRAMMING (UI/UX) PROJECTS

### Personal Website

<http://www.saveenchad.me>

Created a website using popular JQuery framework. Hosted on personal web server (raspberry pi).

### Calendar, Busy Blocks

Assigned role as Software Engineer Lead. Created a group calendar to optimize scheduling in group teams. Oversaw writing use case/user story documents. Presented the final product to customers. Won 4th place out of 16 teams.

Technologies used: HTML, CSS, Bootstrap, AngularJS, Parse, Git.

### Strategy Video Game, Spudnik

<http://emberfrost.com/games/spudnik>

Assisted in making Spudnik, a strategy/maze game using physics algorithms (i.e. gravity fields) in space.

### Office Check-In, Computer Application

Led a team of 5 engineers as Frontend Team Lead for angular material designed office check-in application to sell to small businesses and health clinics. Won 2nd place out of 10 teams.