

## CONTACT

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## COURSES

Introduction to programming C, C++ with object oriented programming, Interaction Design, Computer Architecture, Assembly Language, Data structures and algorithms, Digital Design, Form color and shape, Interactive Media, Algorithm design and analysis.

## PROJECTS

[github.com/Debparna](https://github.com/Debparna)

[Git Girls \(https://gitgirls.github.io\)](https://gitgirls.github.io)  
[Spectra Hackathon](#) | [Youtube HQ](#) | [Team](#)

Designed and built a four page website using HTML and CSS.  
Created the concept of Git Girls, a social platform for women to connect and build software and work on passion projects together.

[GitDif](#)  
[Open Source Hackathon](#) | [GitHub HQ](#) | [Team](#)

Built an extension of git hub using HTML, CSS and react.js. This extension serves as a way to use git hub user information such as number of pulls or commits or coding style to compare two users for recruiters.

[Delphi](#)  
[/Hack](#) | [Galvanize, Sf](#) | [Team](#)

Built an IOS application using swift on Xcode IDE. Made use of weather API's, google's core location frameworks and scraped through data to display the weather conditions to let the user know if they can go star gazing in the night or not.

[Dèsignare \(www.designare.net\)](http://www.designare.net)  
[Individual](#)

Created an organization called 'Dèsignare' to connect non-profit organizations to college students. Through this, college students can share their passion projects online and use their skills in design and coding to create websites and apps for non-profits who need them. Designed and built the website and data base from scratch.

# DEBPARNA PRATIHER

University Of California, Davis (2018)  
B.S Computer Science

## SKILLS

### Languages:

Frontend: HTML, CSS 5, Processing, Bootstrap, Javascript, d3.js, jQuery  
Backend: C, C++, RUST, linux, swift and IOS development, CUSP, git

**Software:** Adobe Photoshop, Adobe Illustrator, Adode InDesign, Eclipse, Xcode, Sketch 3

**Design:** debdesign.myportfolio.com

**Other:** Entrepreneurship, Project Management, Leadership

## EXPERIENCE

### Data visualisation designer

[TEDxUCDavis](#) | [Davis, California](#)

July - Present 2016

- Managed Web content of the organization using HTML and CSS.
- Designed logo and brand identity of the organization.

### Founder

[Dèsignare](#) | [UC Davis, CA](#)

March - Present 2016

- A design, technology and entrepreneurship club at UC Davis.
- Recruited hundred plus members for the organization.
- Managed a team of ten board members and overlooked board meetings.
- Successfully held events such as the first 'Passion Project Builder' and Designathon events.

### Software Developer

[Hegemony Technology](#) | [Davis, California](#)

June - September 2016

- Implemented Scrum agile framework to complete project.
- Created user interface for the IOS application using sketch 3 and an infographic report using illustrator to increase kickstarter funding by 75%.
- Worked closely with client and product owner in a startup environment to develop the app.
- Worked set up AWS database and made use of charting API's to display mobile analytics for the application.
- Created User interface and LogBook functionality in Xcode using swift 3 for the IOS application 'Swing Row'.

### Marketing and Design Director

[Startup Hub](#), [UC Davis](#)

September - Present 2016

- Created Visual content for social media using Photoshop and illustrator.
- Planned Tech talks with entrepreneurs and startups.

### Engineering Intern

[LEED Energy conservation office](#) , [UC Davis](#)

September - Present 2016

- Managed data pertaining to the energy facilities of every building in the university.
- Wrote macros to sort through and create graphs of data collected over last ten years.
- Used excel, SQL and VBA to file energy reports on the data from each building on campus

### Management Intern

[ASUCD student government](#) | [Davis, CA](#)

January 2016 - May 2016

- Worked with a team under senator Mikeala Tenner to bring about positive changes on campus.
- Solved everyday problems that students face on campus.
- Worked with heads of other committees and arranged meetings to co-ordinate our plans and goals.

### Product Engineer

[Quetzel](#) – [www.quetzel.com](http://www.quetzel.com) | [Bangalore, India](#)

June - July, 2014

- Learned observation drawing, drafting and, the principles of ergonomic design.
- Prototyped 3D models of products such as chairs and furniture for the company showroom.
- Planned and Drafted a one bedroom floor plan for a studio apartment.