

H2O.ai UI Engineering Coding Challenge

We are excited that you have chosen to apply for the position of UI Engineer at H2O.ai. Thank you for taking the time to do this. This exercise is designed to give the team a view into how you approach building the UI of applications. Take as much time as you need to complete the challenge.

The goal is to build a functionally reduced version of Apple's OS X Contacts application that runs in a browser. See the attached images for examples of the user interface. If you have any questions along the way, please send them to uichallenge@h2o.ai.

Expected features and notes

- A user should be able to view, edit, and create new contacts.
- As contacts are added to the application, they should appear in a list on the left pane of the user interface.
- A backend application and datastore is not required. Everything can be contained within the browser, and losing state by refreshing the browser is OK.
- Initial contact data can be hard-coded into the app.
- The user interface should match the user interface mockups provided.
- You can choose to implement a subset of the functionality as long as what's implemented works correctly and looks complete.

Evaluation Criteria

- Brevity: write less code!
- Fidelity: how closely can you match the visual styling of the supplied interfaces

Use any framework (React / Knockout / Ember / Angular / etc.) to get your job done. Typescript (or a statically typed language like Elm or ReasonML) is preferred.

Send us a zip archive of your project (JavaScript, HTML, CSS, and other assets) or a link to a Github repo. We should be able to build it and open up an index.html file in a web browser. When you have completed this, please send your submission to: uichallenge@h2o.ai

View Record

A

Adam Acer

Scott Anderson

Mary Arthur

Stuart Asmussen

Trevor Atwater

Siobhan Auchulter

B

Mac Barter

Neal Becker

Jeremy Bee

Gregor von Bingen

Maxwell Broca

Reena Bushanda

C

Harold Curtis

Maxine Cromwell

Adam Acer

phone 399-692-7753

email adam.acer@gmail.com

address 99 Weiland Way
Cupertino CA 95014
United States

note Adam's California address



Edit

List of records categorized alphabetically

Click to create new record

Click to edit record

Edit Record

Click to delete record.
This is only shown when in “edit” mode.

A

Adam Acer

Scott Anderson

Mary Arthur

Stuart Asmussen

Trevor Atwater

Siobhan Auchulter

B

Mac Barter

Neal Becker

Jeremy Bee

Gregor von Bingen

Maxwell Broca

Reena Bushanda

C

Harold Curtis

Maxine Cromwell

Adam

Acer

first name

last name

phone399–692–7753

emailadam.acer@gmail.com

address99 Weiland Way
Cupertino CA 95014
United States

noteAdam’s California address

+

Done

Editable text fields

Name labels appear in “edit” or “create” modes

Click to save record

Create Record

A

Adam Acer

Scott Anderson

Mary Arthur

Stuart Asmussen

Trevor Atwater

Siobhan Auchulter

B

Mac Barter

Neal Becker

Jeremy Bee

Gregor von Bingen

Maxwell Broca

Reena Bushanda

C

Harold Curtis

Maxine Cromwell

first name

last name

phone

email

address

note

+

Done

Click to save record