



Account ▾

**Prospect** Yahriel Salinas-Reyes - yahrielsreyes@gmail.com

# Yahriel Salinas-Reyes's Fellowship Application Details

## Welcome

What type of program are you applying for? \*

PhD, Science ▾

## User & Basic Info

### User Information

User ID

1125

Name

Yahriel Salinas-Reyes

What are you applying for?

PhD, Science

What application cycle are you applying for?

2024 Fellowship Cycle

### Basic Information

Birthday \*

11/11/2000

Gender

MALE ▾

Ethnicity \*

- ☒ Native American/American Indian
- ☐ Black/African American
- ☒ Latino/Hispanic American
- ☒ Mexican

☐ Puerto - Rican

☒ Latino/Other

☒ Other \*

Indigenous/Native Ame

Are you a U.S. citizen \*

☒ Yes ☐ No

Do you have a valid U.S. Passport? \*

☒ Yes ☐ No

Dual citizenship? \*

☒ Yes ☐ No

Country 1 \*

United States

Country 2 \*

Mexico

Education History

College/University	Degree	Current Student	Date From	Dat
Iowa State University (...)	B.S.	YES	08/23/2019	12/15/20...

Matriculation Status

B.S. - Undergraduate

Honors, Scholarships and Activities

NASA Micro-G Neutral Buoyancy Experiment Design Teams Challenge 2022, Ronald E. McNair F

Organizational Memberships

Tecnológico de Monterrey Mexico and the FEMSA Biotechnology Center Affiliate of Outreach a

Graduate Schools

School	Applicant Status
Stanford University	Did Not Apply

School	Applicant Status
Massachusetts Institute of Technology (MIT)	Did Not Apply
California Institute of Technology	Did Not Apply

Security Clearance

Have you ever been granted a U.S Government security clearance? \*

☒ Yes    ☐ No

Security Clearance Type \*

SECRET

▼

Employment History

Employer Name	Job Title	Employed From	Employed Until	Supervisor N
Iowa State Univ...	Inform...	08/23/2019	Present	Benjamin Kelly
Boeing Aerospace	Boeing ...	08/20/2021	Present	Dr. Arun Somani
The Microscale ...	Under...	05/15/2021	Present	Dr. Thomas Ward...
The Soft Matter ...	Under...	08/24/2019	Present	Dr. Martin Thuo
DARPA: Recyclin...	Aerosp...	06/11/2022	Present	Dr. Thomas Ward...
Iowa State Univ...	Honor...	08/05/2020	Present	Jordan Casey
Iowa Departme...	Appoin...	03/03/2018	Present	State of Iowa You...
Association of Io...	Active ...	07/03/2021	Present	Cecilia Moreno
Latinx Student I...	Co-fou...	08/25/2021	Present	Iowa State Univer...
Construction In...	Mentor...	12/20/2019	Present	Architecture Con...
Iowa Equity & In...	Multicu...	02/10/2020	Present	Pr. David Maxwell
Iowa Educationa...	Multi-li...	03/08/2022	Present	Petra Lange
Iowa State Univ...	Co-fou...	12/31/2020	Present	Dr. Lequetia Ancar
ISU College of E...	Multi-c...	10/23/2021	Present	Dr. Jose Eliseo De ...
John Deere x Sof...	Under...	05/12/2020	Present	Dr. Martin Thuo

## Your Resume

✓ We have: **Resume.pdf** on record.

## Research History

Research Project	Project Title	From Date	End Date	University
Iowa State University ...	Characterizing...	06/25/2021	Ongoing	Iowa State U...
(IINSPIRE-LSAMP) Lou...	Quantum Tun...	08/23/2019	Ongoing	Iowa State U...
Undergraduate Rese...	Opportunities ...	01/03/2020	Ongoing	Iowa State U...
NASA Micro-G Neutra...	Our design wa...	03/12/2021	Ongoing	Iowa State U...
ISU Aerospace Engin...	Honors Capst...	06/16/2022	Ongoing	Iowa State U...
Defense Advanced Re...	Recycling-at-th...	03/05/2021	Ongoing	Iowa State U...
ISU Dept. of MSE: Soft...	Roles of MEMS...	10/04/2019	Ongoing	Iowa State U...
Iowa State University ...	Automation an...	08/23/2019	Ongoing	Iowa State U...
Iowa State University ...	Machine Learn...	02/14/2019	Ongoing	Iowa State U...
Iowa State University ...	Modern Desig...	01/12/2022	Ongoing	Iowa State U...
ISU Department of A...	Advanced Aer...	01/04/2022	Ongoing	Iowa State U...
Independent Researc...	Interfacial Tra...	03/04/2021	Ongoing	Iowa State U...
American Institute of ...	10 hours of Fli...	08/22/2023	Ongoing	Iowa State U...
The Biokansas Scienti...	Exploring Bio-...	02/04/2022	Ongoing	Iowa State U...
Leadership through E...	Synthesizing M...	08/23/2019	Ongoing	Iowa State U...
Caltech Summer Und...	Energy Absorb...	04/15/2022	Ongoing	California In...
Stanford University S...	Predicting Oly...	04/05/2021	Ongoing	Stanford Un...

## University Preferences

Degree you intend to pursue

PhD, Science

Intended Major \*

Applied Science (Other than Chemistry or Physics)

## Intended Area of Concentration \*

Algorithms and Theory ▼

## University Preferences

## First Choice University \*

Stanford University ▼

## Second Choice University \*

Massachusetts Institute of Technology (MIT) ▼

## Third Choice University \*

California Institute of Technology ▼

## Internship Info

## What type of work assignment interests... \*

Research ▼

## Geographically, where do you prefer to work?

West Coast ▼

## If there are any industries in which you would refuse to work, please explain.

N/A

## If you have any military obligations, please list them here.

N/A

## Employer Preferences

## First Choice \*

U.S. Department of Energy ... ▼

## Second Choice \*

Lawrence Berkeley National... ▼

## Third Choice \*

Applied Materials ▼

## Computer Skills

Do you wish to specify your computer/programming skills (highly recommended for all applicants, particularly computer science majors)?

☒ Yes ☐ No

Please rate your computer/programming skills from 0-3 (0: No Knowledge, 1: Basic, 2: Proficient, 3: Expert). For the following software/languages:

.NET

☐ 0 ☐ 1 ☐ 2  
☒ 3

Actionscript

☐ 0 ☐ 1 ☐ 2  
☒ 3

Ada

☐ 0 ☐ 1 ☐ 2  
☒ 3

Ajax

☐ 0 ☐ 1 ☐ 2  
☒ 3

Apache

☐ 0 ☐ 1 ☐ 2  
☒ 3

ASP

☐ 0 ☐ 1 ☐ 2  
☒ 3

Assembly

☐ 0 ☐ 1 ☐ 2  
☒ 3

C

☐ 0 ☐ 1 ☐ 2  
☒ 3

C#

☐ 0 ☐ 1 ☐ 2  
☒ 3

C++

☐ 0 ☐ 1 ☐ 2  
☒ 3

Catalyst

☐ 0 ☐ 1 ☐ 2  
☒ 3

CGI

☐ 0 ☐ 1 ☒ 2  
☐ 3

Cobol

☐ 0 ☐ 1 ☒ 2  
☐ 3

Cocoa

☐ 0 ☐ 1 ☒ 2  
☐ 3

ColdFusion

☐ 0 ☐ 1 ☐ 2  
☒ 3

D

☐ 0 ☐ 1 ☐ 2  
☒ 3

DB2

☐ 0 ☐ 1 ☐ 2  
☒ 3

Delphi

☐ 0 ☐ 1 ☒ 2  
☐ 3

Drupal

☐ 0 ☒ 1 ☐ 2  
☐ 3

Dylan

☐ 0 ☐ 1 ☒ 2  
☐ 3

Firebird

☐ 0 ☐ 1 ☒ 2  
☐ 3

Forth

☐ 0

☐ 1

☒ 2

☐ 3

Fortran

☐ 0

☐ 1

☐ 2

☒ 3

Groovy

☐ 0

☐ 1

☐ 2

☒ 3

Java

☐ 0

☐ 1

☐ 2

☒ 3

JavaScript

☐ 0

☐ 1

☐ 2

☒ 3

JOOMLA

☐ 0

☐ 1

☐ 2

☒ 3

Lisp

☐ 0

☐ 1

☒ 2

☐ 3

Lua

☐ 0

☐ 1

☐ 2

☒ 3

MAT Lab

☐ 0

☐ 1

☐ 2

☒ 3

Microsoft Office

☐ 0

☐ 1

☐ 2

☒ 3

Objective C

☐ 0

☐ 1

☐ 2

☒ 3

OCaml

☐ 0

☐ 1

☐ 2

☒ 3

Oracle

☐ 0

☐ 1

☐ 2

☒ 3

Pascal

☐ 0

☐ 1

☐ 2

☒ 3

Perl

☐ 0

☐ 1

☒ 2

☐ 3

PHP

☐ 0

☐ 1

☒ 2

☐ 3

Python

☐ 0

☐ 1

☐ 2

☒ 3

Real Studio

☐ 0

☐ 1

☐ 2

☒ 3

Ruby

☐ 0

☐ 1

☒ 2

☐ 3

Scala

☐ 0

☐ 1

☐ 2

☒ 3

Scheme

☐ 0

☐ 1

☐ 2

☒ 3

Seaside

☐ 0

☐ 1

☒ 2

☐ 3

Shell

☐ 0

☐ 1

☐ 2

☒ 3

Smalltalk

☐ 0

☐ 1

☐ 2

☒ 3

## SQL

☐ 0 ☐ 1 ☐ 2  
☒ 3

## Sybase

☐ 0 ☐ 1 ☐ 2  
☒ 3

## Tcl

☐ 0 ☐ 1 ☐ 2  
☒ 3

## Visual Basic

☐ 0 ☐ 1 ☐ 2 ☒ 3

## GRE Information

Have you taken the GRE? \*

☐ Yes ☒ No

## Unofficial Transcripts

School	File Name
Iowa State University (ISU)	Unofficial_Transcript_Pre_Graduation.pdf

## Recommendations

Name	Email
Martin Thuo	mthuo@ncsu.edu
Thomas Ward III	hgw8rs@virginia.edu
Lequetia Ancar	lancar@iastate.edu

## Statement of Purpose

Statement of Purpose \*

Intellectual Merit: My research and career aspirations revolve around the convergence of mathematics, mental health, and neurodiversity. I am driven to pursue a Ph.D. in



## Additional Text

Personal Statement - Intellectual Merit:

In the vast tapestry of human existence, I, Yahriel Salinas-Reyes, find myself intricately

How did you hear about GEM? \*

SACNAS

BACK &gt;