



# Name: Ale, James

Relevant Quote: "understanding compiler design is key to understand deeper in programming skills"

## Demographics

Gender:	Male
Age:	20
Location:	San Diego, CA
Relationship Status:	Single
Title:	CS Student
Education:	3 <sup>rd</sup> year undergraduate

## Goals

- Understanding assembly language
- use and apply optimization techniques in projects
- help to learn the class and pass exams

## Background Description

Ale is a CS student passionate about low level computer design and compiler design. He wants to get good grade on exam and in the mean time deepen the knowledge to apply the coursework knowledge in the future career

## Motivations

- Help with homework and exams
- Improve skill on low level programming
- Develop coding skills for assembly language and compiler design

## Frustrations

- Difficulty in understanding assembly language
- Don't know how to debug the compiler and how does basic optimization work

## Previous Experience:

- Completed introduction and intermediate high level programming courses
- Understanding on the mathematic foundation of bitwise operation
- Introductory to assembly language and C programming

## Expectations:

- Clear and accurate explanation of assembly language
- Practical problems to help on coursework
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