# Ahmed Nassar

🎂 Member for 12 years, 7 months    🕐 Last seen this week

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## Stats

| 4,793 | 422k | 10 | 7 |
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| reputation | reached | answers | questions |

## About

Currently at NVIDIA working on V&V to ensure safety of self-driving cars (simulation, scenario description languages, ontologies, specification languages, runtime verification).

Obtained a PhD in Electrical and Computer Engineering from UC Irvine, working on complete runtime verification frameworks targeted at software running over distributed multiprocessor systems (including specification languages, architectural supporting mechanisms, and specification mining) with applications to host-based intrusion detection.

Industry experience in digital SoC design and advanced (i.e., assertion-based, coverage-driven, constrained-random) functional verification.

## Badges

**2**
gold badges

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| ● Fanatic | Nov 21, 2014 |
| ● Great Answer | Jul 21, 2015 |

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| ● Constituent | × 2 | Nov 18, 2016 |
| ● Enthusiast | | Sep 12, 2014 |
| ● Good Answer | | Mar 30, 2014 |

**26**
bronze badges

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| ● Explainer | Dec 13, 2014 |
| ● Organizer | Dec 12, 2014 |
| ● Excavator | Jan 13, 2017 |

## Top tags

| c++ | 411 score | 6 posts | 35 posts % |
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| multithreading | 409 score | 3 posts | 18 posts % |
| c++11 | 394 score | 2 posts | 12 posts % |
| systemc | 17 score | 2 posts | 12 posts % |
| perl | 9 score | 3 posts | 18 posts % |
| llvm | 4 score | 2 posts | 12 posts % |

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| All | Questions | Answers | Articles | | Score | Newest |

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| A | 15 | Will SC_THREAD in SystemC create a real thread? | Sep 7, 2013 |
| Q | 11 | Atomic exchange of two std::atomic<T*> objects in a lock-free manner in C++11? | Aug 21, 2013 |
| A | 9 | Does Perl support named parameters in function calls? | Aug 9, 2013 |

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| A | 7 | [How to run docker-compose under WSL 2](#) | Mar 26, 2023 |
| Q | 5 | [Using Javassist to log method calls and argument values, how to make a logger class visible in every instrumented class?](#) | Apr 4, 2015 |
| A | 4 | [Why ROP attacks occur despite buffer overflow detection?](#) | Dec 12, 2014 |
| Q | 3 | [How to find "the" definition point of a Value in LLVM?](#) | Dec 12, 2014 |
| Q | 2 | [Object code relocation and Intel Pin interaction](#) | Mar 18, 2013 |
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