

# Fan Gui

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## EDUCATION

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**Vanderbilt University**, Nashville, TN May 2011

*Bachelor of Arts in Biology; Minor in Economics*

## RELEVANT COURSEWORK

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Principles of Genetics

Cellular Biology

Behavioral Biology

Health Economics

Evolution

Microbiology

## WORK EXPERIENCE

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**Vanderbilt University Medical Center**, Nashville, TN

*Fall 2010-Spring 2011*

*National Institute of Health Research Assistant*

- Recorded data on patients' mental stability and verbal responses to survey questions to examine the patients' progressions over three months.
- Experimented with and Improved surveying methods by assessing the effectiveness of the surveys with the increase of enrolled patients into the research program.
- Evaluated patient development by reporting patient data and updated assessments into the Vanderbilt Medical Center Clinical database allowing physicians and nurses to treat patients earlier.

**Boeing Company**, Aurora, CO

*Summer 2008*

*Systems Engineer Intern*

- Wrote three research reports including history, Systems Engineering methods, and scientific data of previous aircraft production projects that helped launch the systems mapping procedure two days earlier than expected.
- Collaborated with six program directors, engineers, and interns over a span of eight weeks to create a production map on control systems of Boeing aircraft.
- Collected and redirected information and mapping technicalities to Systems Engineers and Computer Engineers which eased the communication between the two sectors.
- Recognized and corrected errors in the connection of interfaces between Computer databases which decreased logjam repair time.

## LEADERSHIP

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**Vanderbilt University Remix Movement**

*Spring 2011*

*Co-Founder/Choreographer*

- Established an organization to promote and share interest in hip-hop dance among students through an inclusive environment by providing weekly hip-hop dance classes taught by student choreographers.
- Expanded organization's membership to 0 to 20 within the first month.
- Elected 6 members to fulfill President, Vice-President, Secretary, Treasurer, Community Outreach Associate, and Marketing Strategist positions based on dance and leadership experiences.
- Structured promotion/advertising strategies, campus involvement goals, and partnerships to increase membership by 15% for the upcoming year.

**Vanderbilt Student Government**

*Fall 2010-Spring 2011*

*Environment Committee Board*

- Strategized with Vanderbilt Greek leaders to increase aluminum recycling over 4 months by creating the "Greek Think Green Recycling Competition" to reward the winning house with \$2500.
- Planned with Vanderbilt Athletics and Vanderbilt ONE in the interest of creating initiatives to decrease bottled water consumption by distributing Nalgene bottles at a Vanderbilt Basketball Game.

## SKILLS

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**Languages:** Chinese (fluent)

**Computer:** *Platform/Application:* Mac, Ubuntu, Windows, MS Office, Adobe Photoshop, Garageband

*Languages:* One year of experience in Java and Matlab

## ADDITIONAL ACTIVITIES

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Vanderbilt Students Volunteers for Science, Alternative Spring Break, Asian American Student Association, Association of Biology Students, Vanderbilt Concert Choir, VIBE (Hip Hop Dance)